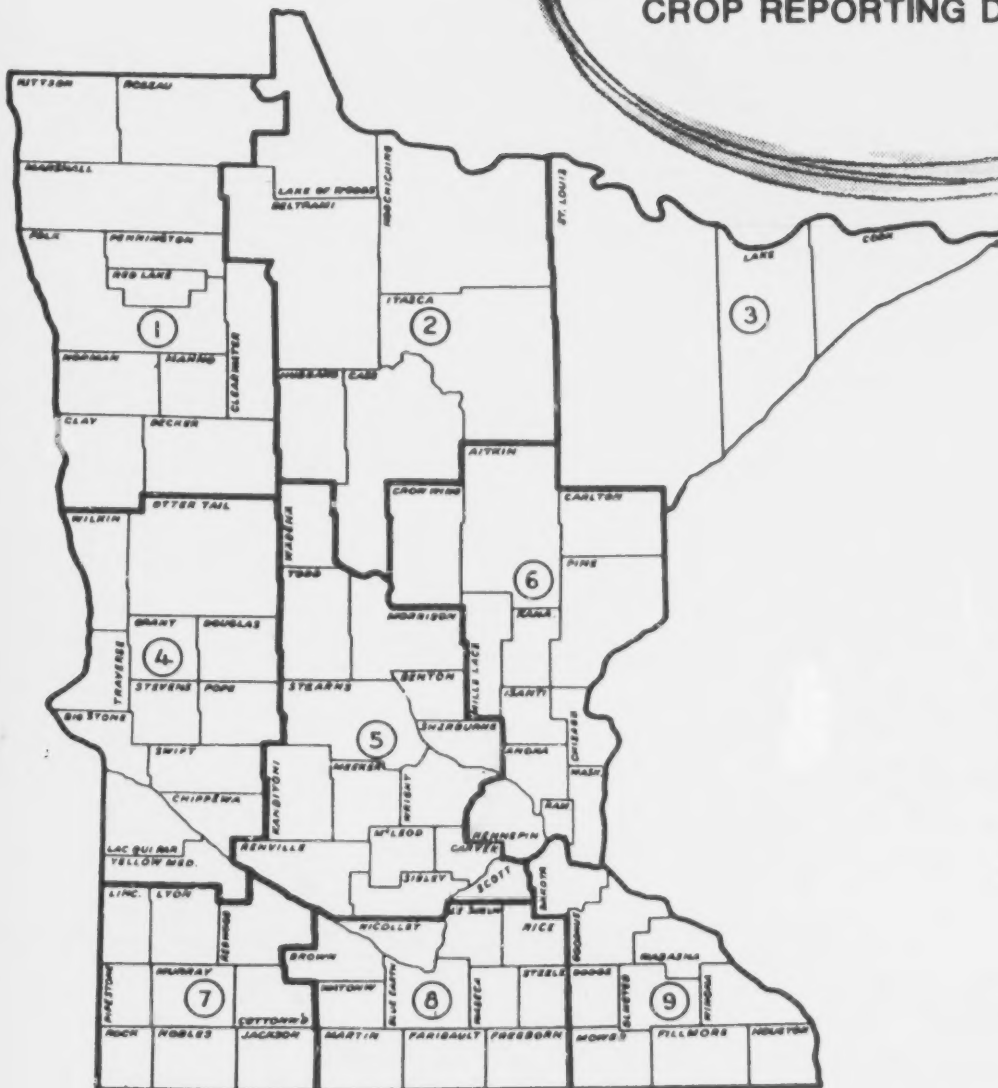


# MINNESOTA'S

## CROP REPORTING DISTRICTS



Cover Photo:

"Evening Harvest In Minnesota"

by

Paul Hansen,  
Minnesota Department of Agriculture

**Minnesota**

*Agriculture*

**Statistics**

**1986**



*July 1986*

## FOREWORD

From 1984-85, Minnesota lost 5,000 farms -- the most of any state in the nation. As this issue of Minnesota Agricultural Statistics goes to press, too many of our family farms are in economic peril. Since 1981, the value of our state's precious farmland has dropped a staggering 55%, seriously eroding the state's tax base and putting delivery of rural school and social services in jeopardy.

These and other factors have produced a greater amount of stress and uncertainty on Minnesota farm families than at any time within recent memory. In many cases, farmers have had to restructure their farming enterprise or have tried new methods of cutting costs. Fortunately, Minnesota farmers are not alone. During the past year, the State of Minnesota demonstrated its commitment to farmers by passing some new farm legislation. While it's impossible to solve the problems of today's farmers at the state level, Minnesota nonetheless has stood by its #1 industry by providing assistance in a series of programs designed to help today's financially-strapped farmers. We urge farmers who need assistance to arm themselves with information about this new legislation and take advantage of it.

There's no substitute for having the best information for any farm decisions. That's why the annual Minnesota Agricultural Statistics publication is important to anyone connected with the state's agriculture. This information comes from the best possible source -- the state's farmers and agribusiness firms. Without that cooperation, we just couldn't live up to our obligation of providing quality ag information to you.

*Jim Nichols*

Jim Nichols  
Commissioner of Agriculture

*Carroll Rock*

Carroll Rock  
Agricultural Statistician in Charge

PRODUCTION ASSISTANCE ON THIS BOOK WAS PROVIDED BY: Linda Wright, Editor; Cec Foss and Aggie Moser, Crops; Sy Phillippi and Eileen Thurman, Livestock; and Jane O'Keefe, Word Processing.

## CONTENTS

### Section I.

MINNESOTA'S RANK, NUMBER OF FARMS,  
FARM INCOME, EXPORTS, FOOD COSTS, WEATHER SUMMARY

#### PAGE

|                                                                                                                                               |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Minnesota's Rank Among States-----                                                                                                            | 1     |
| Leading Counties In Cash Receipts & Production-----                                                                                           | 2     |
| Farmland Values-----                                                                                                                          | 2     |
| Number of Farms, Livestock Farms, Land,<br>Average Farm Size-----                                                                             | 3     |
| Farm Income and Expenses-----                                                                                                                 | 4-8   |
| County Cash Receipts-----                                                                                                                     | 6-7   |
| Cash Receipts by Commodity-----                                                                                                               | 8     |
| Balance Sheet Statistics-----                                                                                                                 | 9     |
| Charts: Food Dollar, Marketing Costs, Cash Receipts,<br>Government Payments, Production Expenses,<br># of People 1 Farmer Feeds, Exports----- | 9-10  |
| Weather Summary, Average Frost Dates-----                                                                                                     | 11-12 |

### Section II.

#### CROPS

|                                                              |                     |
|--------------------------------------------------------------|---------------------|
| 1985 Crop Summary, Acreage, Yield, Production-----           | 13                  |
| Records Set in Crop Production & Grain Stocks-----           | 14                  |
| 5-Year Historic Data: Major Minnesota Crops-----             | 15-19               |
| Grain Marketings by Months, Stocks by Quarters-----          | 20-21               |
| Geographic Distribution: Corn, Soybeans,<br>Wheat, Oats----- | 36                  |
| County Estimates: Major Crops-----                           | 22-33, 35-42, 43-45 |
| Average Planting & Harvesting Dates-----                     | 46                  |
| Wild Rice-----                                               | 47                  |
| Fertilizer-----                                              | 47                  |

### Section III.

#### LIVESTOCK, DAIRY, POULTRY

|                                                    |       |
|----------------------------------------------------|-------|
| Livestock Inventories on Farm & Value-----         | 48-49 |
| 5-Year Historic Data: Cattle, Cattle on Feed-----  | 51    |
| County Estimates: Cattle and Sheep-----            | 52-53 |
| County Estimates: Milk Cows & Beef Cows-----       | 54-55 |
| 5-Year Historic Data: Hogs-----                    | 56-57 |
| Pork Production-----                               | 57    |
| County Estimates: Hogs & Pigs-----                 | 58-59 |
| 5-Year Historic Data: Sheep, Lambs, Wool-----      | 60    |
| Commercial Livestock Slaughter-----                | 61-62 |
| 5-Year Historic Data: Dairy-----                   | 63-64 |
| Dairy Charts-----                                  | 65    |
| County Estimates: Milk Cows & Milk Production----- | 66-67 |
| 5-Year Historic Data: Poultry-----                 | 69-71 |
| County Estimates: Chickens & Eggs-----             | 72-73 |

### Section IV.

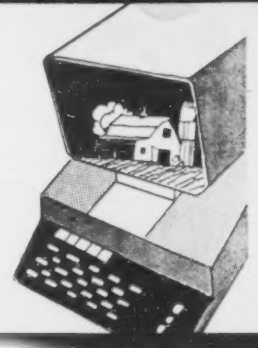
#### PRICES

|                                                   |       |
|---------------------------------------------------|-------|
| Prices Received By Farmers: Crops-----            | 74-75 |
| Livestock & Prod.-----                            | 76-77 |
| Dairy, Poultry-----                               | 78-79 |
| Prices Paid By Farmers: Selected Commodities----- | 80-82 |

|            |                   |
|------------|-------------------|
| INDEX----- | Inside Back Cover |
|------------|-------------------|

# Section I.

## Minnesota's Ag Rank, Farm Numbers, Exports, Farm Income, Weather Summary



### MINNESOTA'S RANK AMONG STATES

| ITEM                                         | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
|----------------------------------------------|----|----|----|----|----|----|----|----|----|----|
| Number of Farms, June 1, 1985.....           | TX | MO | IA | KY | TN | MN | IL | OH | WI | IN |
| Cash Farm Receipts, 1985:                    |    |    |    |    |    |    |    |    |    |    |
| Total.....                                   | CA | TX | IA | NE | IL | MN | KS | WI | IN | FL |
| Crops.....                                   | CA | IL | IA | TX | MN | FL | NE | IN | KS | OH |
| Livestock & Livestock Products.....          | TX | IA | NE | CA | WI | KS | MN | IL | PA | MO |
| Crop Production, 1985:                       |    |    |    |    |    |    |    |    |    |    |
| Corn for Grain.....                          | IA | IL | NE | IN | MN | OH | WI | MI | MO | SD |
| Soybeans.....                                | IL | IA | IN | MO | OH | MN | AK | NE | MS | TN |
| All Wheat.....                               | KS | ND | TX | OK | MN | CO | WA | SD | NB | ID |
| Other Spring Wheat.....                      | ND | MN | SD | MT | ID | WA | CO | OR | UT | NV |
| Oats.....                                    | SD | MN | IA | WI | ND | OH | MI | NE | PA | NY |
| Barley.....                                  | ND | ID | MN | WA | SD | MT | CA | CO | OR | UT |
| All Sunflowers.....                          | ND | SD | MN | TX | -- | -- | -- | -- | -- | -- |
| All Hay.....                                 | WI | TX | MN | CA | IA | KA | NE | MO | MI | PA |
| All Potatoes.....                            | ID | WA | ME | OR | WI | ND | CA | CO | MN | MI |
| Sugarbeets.....                              | MN | CA | ID | ND | MI | NE | WY | TX | MT | OR |
| Flaxseed.....                                | ND | SD | MN | -- | -- | -- | -- | -- | -- | -- |
| Rye.....                                     | SD | MN | ND | GA | NE | OK | PA | NC | MI | SC |
| Sweet Corn for Processing.....               | MN | WI | OR | WA | IL | ID | NY | MD | DE | PA |
| Green Peas for Processing.....               | WI | MN | WA | OR | NY | DE | MD | -- | -- | -- |
| Dry Edible Beans.....                        | MI | CA | ND | CO | NE | ID | MN | WA | WY | NY |
| Livestock, Dairy, Poultry:                   |    |    |    |    |    |    |    |    |    |    |
| Red Meat Production, 1985.....               | IA | KS | NE | TX | IL | MN | CA | WI | CO | MI |
| Cattle & Calves, Jan. 1, 1986 1/.....        | TX | KS | NE | OK | CA | IA | MO | WI | SD | MN |
| Milk Cows, Jan. 1, 1986.....                 | WI | CA | NY | MN | PA | MI | OH | IA | TX | MO |
| Cattle & Calves on Feed, Jan.1, 1986 2/..... | TX | NE | KS | CO | IA | IL | CA | SD | AZ | OK |
| Cattle & Calves Marketed, 1985 3/.....       | TX | NE | KS | IA | OK | CO | SD | CA | MO | MT |
| Hogs, December 1, 1985.....                  | IA | IL | IN | MN | NE | MO | NC | OH | SD | KS |
| Pig Crop, 1985.....                          | IA | IL | MN | IN | NE | MO | NC | OH | SD | WI |
| Hogs Marketed, 1985.....                     | IA | IL | MN | IN | MO | NE | NC | OH | KS | SD |
| Stock Sheep & Lambs, Jan.1, 1986 4/.....     | TX | CA | WY | SD | UT | NM | MT | CO | OR | ID |
| Lamb Crop, 1985 5/.....                      | TX | CA | WY | SD | MT | UT | CO | ID | NM | OR |
| All Chickens, December 1, 1985 2/.....       | CA | IN | GA | AR | PA | NC | OH | TX | AL | FL |
| Eggs Produced, Dec.1984-Nov.1985 2/.....     | CA | IN | PA | GA | AR | OH | NC | TX | AL | FL |
| Turkeys Raised During 1985.....              | NC | MN | CA | AR | VA | MO | PA | IN | IA | WI |
| Milk Production, 1985.....                   | WI | CA | NY | MN | PA | MI | OH | IA | TX | WA |
| Dairy Products Manufactured During 1985      |    |    |    |    |    |    |    |    |    |    |
| Total Cheese.....                            | WI | MN | NY | CA | IA | PA | MO | ID | SD | OH |
| American Cheese.....                         | WI | MN | CA | IA | ID | SD | NY | MO | ND | UT |
| Butter.....                                  | WI | CA | MN | WA | PA | MI | NY | MO | OH | IN |
| Nonfat Dry Milk.....                         | CA | MN | WI | MI | IA | NY | -- | -- | -- | -- |
| Ice Cream.....                               | CA | PA | TX | MA | NY | OH | MN | FL | MI | IN |
| Milk, 1984.....                              | WI | MN | UT | ID | WA | IL | OR | MI | PA | IA |
| Agricultural Exports, Fiscal 1985.....       | CA | IA | IL | TX | NE | KS | MN | ND | IN | OH |

1/ KS & NE tied for 2nd. 2/ MN ranks 11th. 3/ MN ranks 12th. 4/ SD & UT tied for 4th, MN ranks 15th.  
5/ MN ranks 13th.

## MINNESOTA'S LEADING AGRICULTURAL COUNTIES

| ITEM                                      | 1         | 2          | 3         | 4         | 5          | 6        | 7          | 8          | 9             | 10              |
|-------------------------------------------|-----------|------------|-----------|-----------|------------|----------|------------|------------|---------------|-----------------|
| <b>1984 CASH FARM RECEIPTS:</b>           |           |            |           |           |            |          |            |            |               |                 |
| Total.....                                | Stearns   | Polk       | O.Tail    | Renville  | Martin     | Freeborn | Kandiyohi  | Faribault  | Redwood       | Fillmore        |
| Crops.....                                | Polk      | Renville   | Faribault | Martin    | Freeborn   | B. Earth | Redwood    | Clay       | Marshall      | Jackson         |
| Livestock.....                            | Stearns   | O. Tail    | Fillmore  | Kandiyohi | Goodhue    | Morrison | Winona     | Todd       | Nobles        | Meeker          |
| Government Payments..                     | Polk      | Marshall   | Kittson   | Norman    | Roseau     | Clay     | Pennington | Stearns    | Red Lake      | O. Tail         |
| <b>1985 CROP PRODUCTION:</b>              |           |            |           |           |            |          |            |            |               |                 |
| Corn for Grain.....                       | Faribault | Renville   | Freeborn  | Jackson   | Martin     | Redwood  | B. Earth   | Mower      | Cottonwood    | Fillmore        |
| Soybeans.....                             | Renville  | Redwood    | Martin    | B. Earth  | Jackson    | Y. Med.  | Faribault  | Cottonwood | Nobles        | Lyon            |
| All Wheat.....                            | Polk      | Marshall   | Kittson   | Norman    | Clay       | Roseau   | Wilkin     | Traverse   | Lac Qui Parle | O. Tail         |
| Oats.....                                 | O. Tail   | Stearns    | Douglas   | Todd      | Pope       | Morrison | Olsted     | Goodhue    | Fillmore      | Kandiyohi       |
| Barley.....                               | Polk      | Marshall   | Norman    | Wilkin    | Kittson    | Clay     | Pennington | Mahnomen   | Roseau        | Red Lk          |
| Sugarbeets.....                           | Polk      | Clay       | Renville  | Wilkin    | Chippewa   | Norman   | Marshall   | Kittson    | Grant         | Traverse        |
| Sunflowers.....                           | Polk      | Norman     | Marshall  | Clay      | Pennington | Red Lk   | Roseau     | Kittson    | Clearwater    | Becker          |
| Rye.....                                  | Sherburne | O. Tail    | Big Stone | Traverse  | Isanti     | Douglas  | Swift      | Stearns    | Chisago       | Benton          |
| Flax.....                                 | Roseau    | Marshall   | Kittson   | Clay      | Pennington | Lincoln  | Polk       | Pipestone  | Mahnomen      | Becker          |
| <b>LIVESTOCK, DAIRY AND POULTRY:</b>      |           |            |           |           |            |          |            |            |               |                 |
| Cattle & Calves.....                      | Stearns   | O. Tail    | Fillmore  | Goodhue   | Winona     | Houston  | Olsted     | Morrison   | Todd          | Wabasha         |
| Jan. 1, 1986.....                         | Stearns   | O. Tail    | Fillmore  | Goodhue   | Winona     | Houston  | Olsted     | Morrison   | Todd          | Wabasha         |
| Beef Cows.....                            | Fillmore  | Olsted     | Houston   | O. Tail   | Wabasha    | Polk     | Roseau     | Beltrami   | Clearwater    | Winona          |
| Jan. 1, 1986 1/.....                      | Fillmore  | Olsted     | Houston   | O. Tail   | Wabasha    | Polk     | Roseau     | Beltrami   | Clearwater    | Winona          |
| Milk Cows.....                            | Stearns   | O. Tail    | Todd      | Morrison  | Goodhue    | Winona   | Wright     | Fillmore   | Wabasha       | Carver          |
| Jan. 1, 1986.....                         | Stearns   | O. Tail    | Todd      | Morrison  | Goodhue    | Winona   | Wright     | Fillmore   | Wabasha       | Carver          |
| Milk Prod., 1985.....                     | Stearns   | O. Tail    | Morrison  | Todd      | Goodhue    | Winona   | Wright     | Wabasha    | Fillmore      | Carver          |
| Stock Sheep & Lambs                       | O. Tail   | Pipestone  | Renville  | Fillmore  | Nobles     | Freeborn | Goodhue    | Lyon       | Murray        | Cottonwood      |
| Jan. 1, 1986 2/.....                      | O. Tail   | Pipestone  | Renville  | Fillmore  | Nobles     | Freeborn | Goodhue    | Lyon       | Murray        | Cottonwood      |
| Hogs, Dec. 1, 1985 3/...                  | Martin    | Stearns    | Freeborn  | Mower     | Nobles     | Fillmore | B. Earth   | Faribault  | Brown         | Redwood/Stearns |
| Pig Crop, 1985.....                       | Martin    | Stearns    | Freeborn  | Mower     | Nobles     | Fillmore | Jackson    | Faribault  | Redwood       | B. Earth        |
| Hens & Pullets 1985...                    | Sibley    | Stearns    | Morrison  | Morrison  | Meeker     | Clwrtr.  | Pine       | Benton     | Freeborn      | Wright          |
| Cattle & Calves on Feed, Jan. 1, 1986 4/. | Rock      | Cottonwood | Redwood   | Nobles    | Lyon       | Fillmore | Murray     | Lincoln    | Stevens       | Stearns         |

- 1/ Clearwater & Winona tied for 9th place.  
 2/ Lyon & Murray tied for 8th place.  
 3/ Redwood & Stearns tied for 10th place.  
 4/ Lincoln & Stevens tied for 8th place.

## LAND VALUES

The drop of Minnesota farm real estate values in 1985 marks the 4th consecutive annual decline. Average land values fell 26% to \$686/acre for the greatest annual drop in the history of the Land Value Survey, conducted by the University of Minnesota's Ag Extension Service.

ESTIMATED AVERAGE VALUE PER ACRE OF MINNESOTA FARMLAND BY DISTRICT\*

| Year | South-east | South-west | West Central | East Central | North-west | North-east | Minnesota |
|------|------------|------------|--------------|--------------|------------|------------|-----------|
| 1973 | 433        | 459        | 247          | 194          | 146        | 115        | 298       |
| 1974 | 576        | 675        | 378          | 279          | 199        | 144        | 423       |
| 1975 | 674        | 844        | 503          | 296          | 295        | 163        | 525       |
| 1976 | 856        | 1,106      | 624          | 349          | 378        | 210        | 667       |
| 1977 | 1,027      | 1,316      | 730          | 415          | 427        | 279        | 794       |
| 1978 | 1,191      | 1,421      | 803          | 498          | 483        | 304        | 889       |
| 1979 | 1,453      | 1,620      | 883          | 573          | 599        | 368        | 1,040     |
| 1980 | 1,526      | 1,750      | 962          | 596          | 683        | 390        | 1,120     |
| 1981 | 1,709      | 2,083      | 1,135        | 679          | 813        | 460        | 1,310     |
| 1982 | 1,504      | 1,875      | 1,044        | 584          | 748        | 483        | 1,179     |
| 1983 | 1,354      | 1,669      | 981          | 561          | 658        | 411        | 1,065     |
| 1984 | 1,164      | 1,401      | 873          | 505          | 586        | 436        | 927       |
| 1985 | 861        | 967        | 690          | 374          | 510        | 362        | 686       |

\* From MINNESOTA AGRICULTURAL ECONOMIST, February 1986, Agricultural Extension Service, University of Minnesota, St. Paul, MN 55108, "The Minnesota Rural Real Estate Market In 1985", by D. Dion and P. Raup. Values are based on reporters' estimate of average value per acre of various grades of farmland in their area.

## FARM NUMBERS DROP SHARPLY

Minnesota recorded a drop of 5,000 farms between 1984 and 1985, which was the largest year-to-year drop for any state in the nation. All states surrounding Minnesota also showed some decline in farm numbers from 1984 to 1985.

Since 1980, Minnesota farms have declined from 104,000 to 96,000, a loss of 8,000 farms. This compares with farm losses of 10,000 for Wisconsin, 8,000 for Iowa, 17,000 for Illinois, 6,000 for Nebraska, and somewhat lesser amounts for the Dakotas.

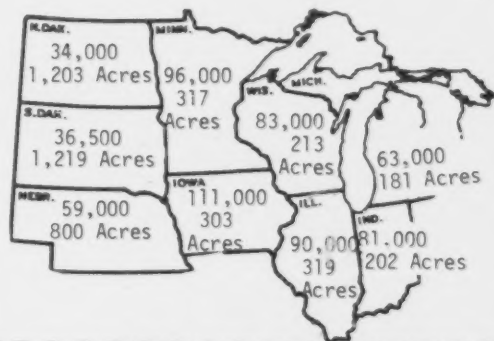
The number of farms in the United States in 1985 was estimated at 2.28 million, down 2% from the 2.33 million in 1984 and down 6% from the 2.43 million in 1980.

Total land in U.S. farms for 1985 is 1,016 million acres, down fractionally from a year earlier and down 2.2% from 1980. Land in farms has declined every year since reaching its peak at 1,206 million acres in 1954.

ESTIMATED NUMBER  
OF FARMS IN 1985  
AND AVERAGE  
FARM SIZE

United States

2,284,630 Farms  
445 Acres Per Farm

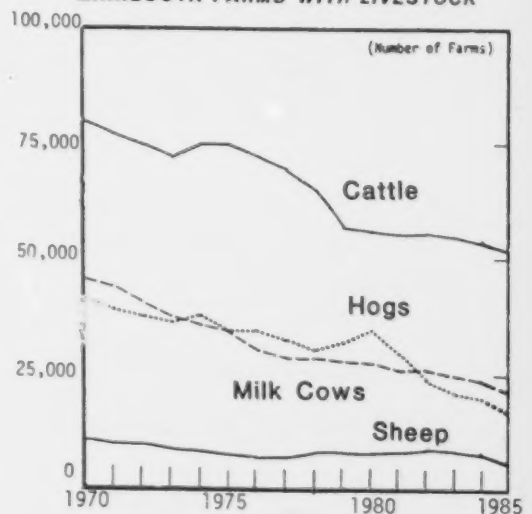


## MINNESOTA FARM NUMBERS, LAND IN FARMS, AND AVERAGE FARM SIZE 1/

| Year | Number of Farms | Land In Farms  | Average Size of Farms |
|------|-----------------|----------------|-----------------------|
|      | Number          | Thousand Acres | Acres                 |
| 1981 | 104,000         | 30,400         | 292                   |
| 1982 | 103,000         | 30,400         | 295                   |
| 1983 | 102,000         | 30,400         | 298                   |
| 1984 | 101,000         | 30,400         | 301                   |
| 1985 | 96,000          | 30,400         | 317                   |

1/ As of June 1. Farms are defined as places which had annual sales of agricultural products of \$1,000 or more.

## MINNESOTA FARMS WITH LIVESTOCK\*



\*Operations having 1 or more head of species on hand at any time during year. Addition may exceed total farms in state.

## MINNESOTA LIVESTOCK FARM NUMBERS 1/

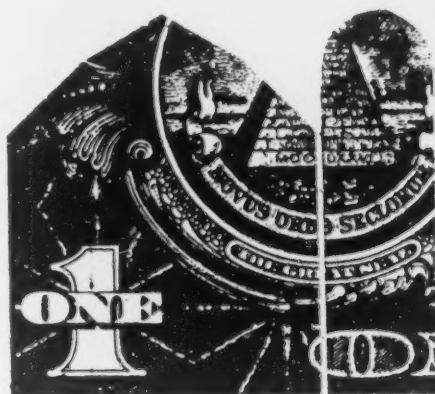
| Year | NUMBER OF OPERATIONS WITH -- |           |        |       |
|------|------------------------------|-----------|--------|-------|
|      | CATTLE                       | MILK COWS | HOGS   | SHEEP |
| 1981 | 62,000                       | 26,000    | 30,000 | 8,000 |
| 1982 | 62,000                       | 26,000    | 24,000 | 8,600 |
| 1983 | 61,000                       | 25,000    | 22,000 | 8,400 |
| 1984 | 58,000                       | 24,000    | 21,000 | 7,000 |
| 1985 | 53,000                       | 23,000    | 19,500 | 6,000 |

1/ Some operations may have more than one species hence sum is greater than total farms.

## MINNESOTA FARM INCOME

The following farm income estimates show gross farm income, production expenses, and net returns to farm operators for their farm work (including unpaid family) and for the capital invested in their farms and equipment.

Realized gross farm income includes cash receipts from farm marketings, government payments to farmers, value of farm products consumed in the home, value of housing provided by farm dwellings, and other farm income from recreation, machine hire, and custom work. Subtracting farm production expenses from realized gross income gives realized net farm income. Total net income includes adjustments for increases or decreases in crop or livestock inventories.



## TOTAL MINNESOTA FARM INCOME

| Year    | Realized Gross Farm Income         |                     |                     |                      |         | Farm Production Expenses | Realized Net Farm Income | Net Change In Farm Inventory 3/ | Total Net Farm Income |
|---------|------------------------------------|---------------------|---------------------|----------------------|---------|--------------------------|--------------------------|---------------------------------|-----------------------|
|         | Cash Receipts From Farm Marketings | Government Payments | Non-Money Income 1/ | Other Farm Income 2/ | Total   |                          |                          |                                 |                       |
|         | Million Dollars                    |                     |                     |                      |         | Million Dollars          |                          |                                 |                       |
| 1981    | 6,656.3                            | 79.1                | 562.3               | 62.3                 | 7,360.0 | 6,265.1                  | 1,094.8                  | 171.2                           | 1,266.1               |
| 1982    | 6,589.0                            | 182.9               | 589.4               | 69.0                 | 7,430.2 | 6,506.4                  | 923.8                    | -114.5                          | 809.3                 |
| 1983    | 6,472.3                            | 611.7               | 524.8               | 62.6                 | 7,671.4 | 6,380.6                  | 1,290.7                  | -802.2                          | 488.6                 |
| 1984    | 6,242.4                            | 529.9               | 514.7               | 77.9                 | 7,364.9 | 6,498.8                  | 866.1                    | 729.4                           | 1,595.5               |
| 1985 4/ | 7,051.0                            | -----               | -----               | -----                | -----   | -----                    | -----                    | -----                           | -----                 |

1/ Includes value of home consumption and housing.

2/ Includes income from custom work, machine hire, and recreation.

3/ Estimated physical change in crops and livestock owned by farmers, valued at average prices prevailing during the year.

4/ Detailed data not available at time of publication.

## MINNESOTA AVERAGE INCOME PER FARM

| Year    | Number of Farms | Cash Receipts From Farm Marketings | Realized Gross Income | Farm Production Expenses | Realized Net Income | Total Net Income |
|---------|-----------------|------------------------------------|-----------------------|--------------------------|---------------------|------------------|
|         | Thousands       |                                    |                       | Dollars                  |                     |                  |
| 1981    | 104             | 64,003                             | 70,769                | 60,241                   | 10,527              | 12,174           |
| 1982    | 103             | 63,971                             | 72,138                | 63,169                   | 8,969               | 7,857            |
| 1983    | 102             | 63,454                             | 75,210                | 62,555                   | 12,654              | 4,790            |
| 1984    | 101             | 61,806                             | 72,920                | 64,345                   | 8,575               | 15,797           |
| 1985 1/ | 96              | 73,448                             | -----                 | -----                    | -----               | -----            |

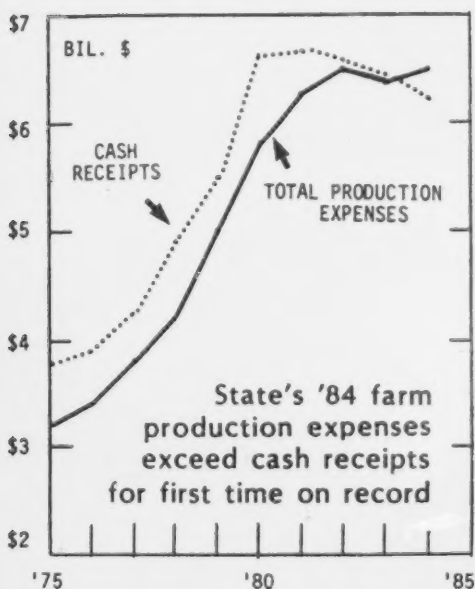
1/ Detailed data not available at time of publication.

# MINNESOTA'S FARM BALANCE SHEET (EXCLUDING FARM HOUSEHOLDS) 1/

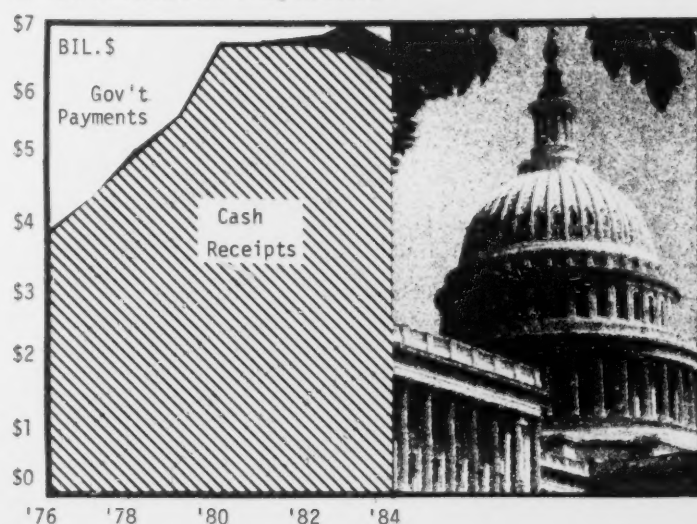


| Item                              | 1978     | 1979     | 1980     | 1981     | 1982     | 1983     | 1984     | 1985 2/  |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Million dollars                   |          |          |          |          |          |          |          |          |
| <b>Assets</b>                     |          |          |          |          |          |          |          |          |
| Total Farm Assets                 | 29,124.2 | 35,544.6 | 41,590.7 | 49,481.0 | 49,501.8 | 46,954.8 | 43,938.5 | 36,403.1 |
| Real estate 3/                    | 20,304.1 | 24,862.3 | 29,438.8 | 36,055.2 | 35,839.8 | 32,842.4 | 30,546.9 | 23,225.7 |
| Livestock & Poultry 4/            | 1,324.5  | 2,104.6  | 2,471.8  | 2,665.1  | 2,414.0  | 2,200.8  | 2,011.1  | 1,996.4  |
| Machinery & motor vehicles 5/     | 4,169.1  | 4,708.8  | 5,447.2  | 5,847.5  | 6,350.8  | 6,505.0  | 6,391.2  | 6,015.5  |
| Crops 6/                          | 2,060.1  | 2,415.4  | 2,596.6  | 3,153.9  | 3,111.7  | 3,395.9  | 2,875.3  | 2,985.0  |
| Financial assets                  | 1,266.4  | 1,453.5  | 1,636.3  | 1,759.3  | 1,785.6  | 2,010.8  | 2,114.0  | 2,180.6  |
| <b>Claims</b>                     |          |          |          |          |          |          |          |          |
| Total Farm Debt                   | 5,350.6  | 6,795.9  | 8,153.7  | 8,967.1  | 10,145.2 | 11,438.3 | 11,156.0 | 11,072.7 |
| Real estate debt 7/               | 2,567.1  | 3,089.0  | 3,813.5  | 4,417.7  | 4,998.2  | 5,257.5  | 5,442.7  | 5,388.3  |
| Nonreal estate debt 8/            | 2,273.5  | 2,851.9  | 3,561.1  | 3,785.4  | 4,114.0  | 4,541.8  | 4,574.3  | 4,587.4  |
| CCC loans 9/                      | 510.0    | 855.0    | 779.0    | 764.0    | 1,033.0  | 1,639.0  | 1,139.0  | 1,097.0  |
| <b>Equity</b>                     | 23,773.6 | 28,748.7 | 33,437.0 | 40,513.9 | 39,356.6 | 35,516.4 | 32,782.5 | 25,330.3 |
| Ratios                            |          |          |          |          |          |          |          |          |
| Equity/assets                     | 81.6     | 80.9     | 80.4     | 81.9     | 79.5     | 75.6     | 74.6     | 69.6     |
| Debt/equity                       | 22.5     | 23.6     | 24.4     | 22.1     | 25.8     | 32.2     | 34.0     | 43.7     |
| Debt/assets, total                | 18.4     | 19.1     | 19.6     | 18.1     | 20.5     | 24.4     | 29.4     | 30.4     |
| Debt/assets, real estate          | 12.6     | 12.4     | 13.0     | 12.3     | 13.9     | 16.0     | 17.8     | 23.2     |
| Debt/assets, nonreal estate & CCC | 31.6     | 34.7     | 35.7     | 33.9     | 37.7     | 43.8     | 42.7     | 43.1     |
| Returns to operator/total debt    | 23.8     | 17.9     | 11.2     | 8.7      | 10.0     | 4.5      | 2.0      | 12.0     |

1/ December 31 previous year. 2/ Preliminary. 3/ Excludes value of operator dwelling. 4/ Excludes horses, mules, broilers. 5/ Includes only farm share value for trucks and autos. 6/ All crops held on farms including crops under CCC and crops held off farms by farm operators. 7/ Excludes debt on operator dwellings. 8/ Excludes debt for nonfarm purposes. 9/ Nonrecourse CCC loans secured by crops plus storage and drying facilities owned by farmers.

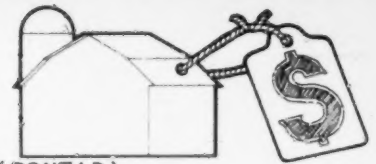


## Minn. Cash Receipts & Government Payments



# MINNESOTA CASH INCOME RECEIVED BY FARMERS, BY COUNTY

| District<br>and<br>County | 1983             |                 |                        |           | 1984             |                 |                        |           |
|---------------------------|------------------|-----------------|------------------------|-----------|------------------|-----------------|------------------------|-----------|
|                           | Crops            | Livestock<br>1/ | Government<br>Payments | Total     | Crops            | Livestock<br>1/ | Government<br>Payments | Total     |
| *****                     |                  |                 |                        |           |                  |                 |                        |           |
|                           | Thousand Dollars |                 |                        |           | Thousand Dollars |                 |                        |           |
| Becker                    | 19,168           | 41,482          | 6,655                  | 67,305    | 17,985           | 42,662          | 8,590                  | 69,237    |
| Clay                      | 84,180           | 20,667          | 16,740                 | 121,587   | 77,921           | 21,853          | 20,996                 | 120,770   |
| Clearwater                | 6,888            | 13,889          | 833                    | 21,610    | 6,502            | 14,816          | 1,508                  | 22,826    |
| Kittson                   | 51,015           | 5,249           | 15,881                 | 72,145    | 47,102           | 5,181           | 32,350                 | 84,633    |
| Mannomen                  | 10,953           | 9,348           | 5,568                  | 25,869    | 10,119           | 9,058           | 7,700                  | 26,877    |
| Marshall                  | 90,160           | 11,265          | 26,272                 | 127,697   | 72,756           | 11,094          | 47,117                 | 130,967   |
| Norman                    | 66,688           | 14,272          | 17,126                 | 98,086    | 61,589           | 13,803          | 29,904                 | 105,296   |
| Pennington                | 22,363           | 10,636          | 6,835                  | 39,834    | 20,646           | 11,163          | 13,414                 | 45,223    |
| Polk                      | 159,020          | 30,073          | 31,909                 | 221,002   | 135,774          | 30,374          | 50,144                 | 216,292   |
| Red Lake                  | 17,397           | 8,711           | 5,178                  | 31,286    | 16,066           | 8,405           | 10,378                 | 34,849    |
| Roseau                    | 39,664           | 19,798          | 8,820                  | 68,282    | 36,624           | 20,796          | 22,748                 | 80,168    |
| Northwest                 | 567,496          | 185,390         | 141,817                | 894,703   | 503,084          | 189,205         | 244,849                | 937,138   |
| Beltrami                  | 6,336            | 12,974          | 1,011                  | 20,321    | 5,918            | 12,484          | 1,780                  | 20,182    |
| Cass                      | 3,071            | 12,131          | 419                    | 15,621    | 2,856            | 11,804          | 1,165                  | 15,825    |
| Hubbard                   | 5,669            | 6,143           | 690                    | 12,502    | 5,859            | 6,175           | 653                    | 12,687    |
| Itasca                    | 2,242            | 5,400           | 110                    | 7,752     | 2,161            | 5,313           | 426                    | 7,900     |
| Koochiching               | 1,234            | 3,589           | 196                    | 5,019     | 1,151            | 3,676           | 434                    | 5,261     |
| Lake of the Woods         | 4,297            | 2,825           | 1,099                  | 8,221     | 3,992            | 2,791           | 2,322                  | 9,105     |
| North Central             | 22,849           | 43,062          | 3,525                  | 69,436    | 21,937           | 42,243          | 6,780                  | 70,960    |
| Northeast                 | 4,247            | 10,684          | 379                    | 15,310    | 4,013            | 10,899          | 731                    | 15,643    |
| Big Stone                 | 24,633           | 18,410          | 7,008                  | 50,051    | 22,768           | 18,357          | 5,386                  | 46,511    |
| Chippewa                  | 58,594           | 21,877          | 10,487                 | 90,958    | 54,140           | 21,514          | 3,727                  | 79,381    |
| Douglas                   | 11,583           | 42,685          | 3,513                  | 57,781    | 10,798           | 41,155          | 3,091                  | 55,044    |
| Grant                     | 34,984           | 18,478          | 3,406                  | 61,868    | 32,358           | 18,264          | 4,740                  | 55,362    |
| Lac Qui Parle             | 46,715           | 30,093          | 11,996                 | 88,804    | 43,135           | 30,277          | 5,938                  | 79,350    |
| Otter Tail                | 40,215           | 120,155         | 9,465                  | 169,835   | 37,259           | 119,807         | 8,984                  | 166,050   |
| Pope                      | 25,376           | 39,431          | 7,558                  | 72,365    | 24,203           | 37,807          | 4,453                  | 66,463    |
| Stevens                   | 34,249           | 42,508          | 9,094                  | 85,851    | 31,659           | 42,718          | 6,329                  | 80,706    |
| Swift                     | 55,838           | 33,608          | 15,430                 | 104,876   | 51,773           | 36,352          | 6,785                  | 94,910    |
| Traverse                  | 36,842           | 10,018          | 7,652                  | 54,512    | 34,014           | 9,895           | 6,987                  | 50,896    |
| Wilkin                    | 58,838           | 9,271           | 10,890                 | 78,999    | 54,389           | 9,239           | 8,270                  | 71,898    |
| Yellow Medicine           | 61,032           | 39,028          | 13,694                 | 113,754   | 56,366           | 39,002          | 5,131                  | 100,499   |
| West Central              | 488,899          | 425,562         | 115,193                | 1,029,654 | 452,862          | 424,387         | 69,821                 | 947,070   |
| Benton                    | 6,197            | 46,524          | 1,844                  | 54,565    | 5,839            | 48,008          | 3,782                  | 57,629    |
| Carver                    | 10,921           | 57,927          | 1,751                  | 70,599    | 10,559           | 54,746          | 2,471                  | 67,776    |
| Kandiyohi                 | 48,860           | 89,471          | 11,275                 | 149,606   | 45,775           | 99,780          | 7,675                  | 153,230   |
| McLeod                    | 35,536           | 56,447          | 5,511                  | 97,494    | 33,776           | 54,026          | 3,593                  | 91,395    |
| Meeker                    | 35,315           | 66,060          | 7,125                  | 108,500   | 33,151           | 68,932          | 5,353                  | 107,436   |
| Morrison                  | 9,147            | 83,377          | 2,754                  | 95,278    | 8,509            | 84,645          | 4,193                  | 97,347    |
| Renville                  | 118,452          | 49,476          | 15,258                 | 183,186   | 111,197          | 49,367          | 4,153                  | 164,717   |
| Scott                     | 16,023           | 33,810          | 2,318                  | 52,151    | 15,197           | 32,227          | 2,456                  | 49,880    |
| Sherburne                 | 17,199           | 19,232          | 1,827                  | 38,258    | 16,730           | 20,544          | 1,417                  | 38,691    |
| Sibley                    | 50,427           | 68,720          | 7,242                  | 126,389   | 47,516           | 68,437          | 4,072                  | 120,025   |
| Stearns                   | 22,869           | 196,961         | 6,715                  | 226,545   | 21,388           | 197,244         | 11,493                 | 230,125   |
| Todd                      | 11,813           | 79,726          | 2,419                  | 93,958    | 10,918           | 77,957          | 4,589                  | 93,464    |
| Wadena                    | 3,833            | 25,124          | 1,068                  | 30,025    | 3,640            | 26,559          | 1,732                  | 31,931    |
| Wright                    | 20,893           | 64,836          | 2,819                  | 88,548    | 19,848           | 62,055          | 4,178                  | 86,081    |
| Central                   | 407,485          | 937,691         | 69,926                 | 1,415,102 | 384,043          | 944,527         | 61,157                 | 1,389,727 |



# MINNESOTA CASH INCOME RECEIVED BY FARMERS, BY COUNTY (CONT'D)

| District<br>and<br>County | 1983      |                 |                        |           | 1984      |                 |                        |           |
|---------------------------|-----------|-----------------|------------------------|-----------|-----------|-----------------|------------------------|-----------|
|                           | Crops     | Livestock<br>1/ | Government<br>Payments | Total     | Crops     | Livestock<br>1/ | Government<br>Payments | Total     |
| Thousand Dollars          |           |                 |                        |           |           |                 |                        |           |
| Aitkin                    | 6,335     | 14,001          | 204                    | 20,540    | 5,897     | 14,683          | 794                    | 21,374    |
| Anoka                     | 11,969    | 8,590           | 1,018                  | 21,577    | 15,413    | 9,032           | 532                    | 24,977    |
| Chisago                   | 7,661     | 24,658          | 1,878                  | 34,197    | 7,947     | 24,364          | 1,417                  | 32,728    |
| Crow Wing                 | 2,284     | 15,963          | 501                    | 18,748    | 2,245     | 17,703          | 1,006                  | 20,954    |
| Hennepin                  | 15,461    | 22,981          | 877                    | 39,319    | 18,518    | 21,960          | 1,034                  | 41,512    |
| Isanti                    | 9,313     | 19,050          | 2,953                  | 31,316    | 8,711     | 19,370          | 1,916                  | 29,997    |
| Kanabec                   | 3,528     | 22,707          | 735                    | 26,970    | 3,262     | 21,544          | 2,113                  | 26,919    |
| Mille Lacs                | 4,151     | 30,961          | 917                    | 36,029    | 3,843     | 29,660          | 3,096                  | 36,599    |
| Pine                      | 5,532     | 36,508          | 1,006                  | 43,046    | 5,237     | 35,584          | 2,320                  | 43,141    |
| Washington                | 16,294    | 15,823          | 1,569                  | 33,686    | 20,037    | 15,533          | 930                    | 36,500    |
| Selected Counties         | 5,476     | 12,640          | 254                    | 18,370    | 7,641     | 12,033          | 694                    | 20,368    |
| East Central              | 88,004    | 223,882         | 11,912                 | 323,798   | 98,751    | 221,466         | 15,852                 | 336,069   |
| Cottonwood                | 66,150    | 62,882          | 12,022                 | 141,054   | 61,158    | 63,752          | 4,062                  | 128,972   |
| Jackson                   | 76,111    | 67,973          | 12,408                 | 156,492   | 70,298    | 67,793          | 3,833                  | 141,924   |
| Lincoln                   | 18,316    | 38,557          | 5,920                  | 62,793    | 16,917    | 37,926          | 3,464                  | 58,307    |
| Lyon                      | 48,086    | 66,831          | 10,935                 | 125,852   | 44,432    | 67,465          | 4,849                  | 116,746   |
| Murray                    | 44,677    | 63,977          | 9,817                  | 117,871   | 40,702    | 63,482          | 3,777                  | 107,961   |
| Nobles                    | 60,127    | 77,004          | 9,807                  | 146,938   | 55,648    | 77,092          | 4,569                  | 137,309   |
| Pipestone                 | 19,871    | 43,097          | 5,084                  | 68,052    | 18,359    | 42,338          | 2,115                  | 62,812    |
| Redwood                   | 88,005    | 63,489          | 15,646                 | 167,140   | 81,856    | 63,167          | 4,455                  | 149,478   |
| Rock                      | 31,371    | 64,889          | 8,157                  | 104,417   | 29,295    | 64,700          | 3,313                  | 97,308    |
| Southwest                 | 452,114   | 548,699         | 89,796                 | 1,090,609 | 418,665   | 547,715         | 34,437                 | 1,000,817 |
| Blue Earth                | 88,319    | 51,298          | 13,287                 | 152,904   | 82,122    | 50,775          | 3,891                  | 136,788   |
| Brown                     | 55,700    | 56,556          | 7,312                  | 119,568   | 52,304    | 56,056          | 3,623                  | 111,983   |
| Faribault                 | 98,453    | 55,878          | 15,694                 | 170,025   | 91,894    | 55,835          | 4,733                  | 152,462   |
| Freeborn                  | 87,979    | 69,095          | 15,653                 | 172,727   | 82,389    | 68,582          | 7,723                  | 158,694   |
| Le Sueur                  | 37,791    | 41,306          | 5,151                  | 84,248    | 35,295    | 40,148          | 3,606                  | 79,049    |
| Martin                    | 91,942    | 66,004          | 15,890                 | 173,836   | 85,707    | 65,935          | 7,390                  | 159,032   |
| Nicollet                  | 46,340    | 45,882          | 6,622                  | 98,844    | 43,375    | 44,710          | 3,111                  | 91,196    |
| Rice                      | 30,238    | 62,961          | 6,057                  | 99,256    | 28,336    | 62,927          | 3,548                  | 94,811    |
| Steele                    | 41,075    | 42,605          | 7,489                  | 91,169    | 38,845    | 41,794          | 3,984                  | 84,623    |
| Waseca                    | 50,965    | 32,592          | 10,051                 | 93,608    | 47,744    | 31,518          | 4,339                  | 83,601    |
| Watonswan                 | 53,334    | 34,990          | 8,835                  | 97,159    | 49,792    | 34,468          | 2,925                  | 87,185    |
| South Central             | 682,136   | 559,167         | 112,041                | 1,353,344 | 637,803   | 552,748         | 48,873                 | 1,239,424 |
| Dakota                    | 38,900    | 39,336          | 5,942                  | 84,178    | 42,688    | 38,269          | 3,611                  | 84,568    |
| Dodge                     | 41,631    | 49,620          | 7,089                  | 98,340    | 40,524    | 49,558          | 5,013                  | 95,095    |
| Fillmore                  | 34,994    | 106,972         | 11,757                 | 153,723   | 32,555    | 104,970         | 7,267                  | 144,792   |
| Goodhue                   | 38,751    | 92,400          | 8,373                  | 139,524   | 37,183    | 88,946          | 7,660                  | 133,789   |
| Houston                   | 9,436     | 67,115          | 2,577                  | 79,128    | 8,855     | 65,001          | 3,225                  | 77,081    |
| Mower                     | 65,461    | 63,847          | 14,698                 | 144,006   | 61,683    | 62,901          | 6,225                  | 130,809   |
| Olmsted                   | 33,010    | 69,408          | 8,955                  | 111,373   | 32,004    | 68,414          | 4,982                  | 105,400   |
| Wabasha                   | 17,658    | 64,172          | 4,011                  | 85,841    | 17,312    | 61,451          | 4,080                  | 82,843    |
| Winona                    | 14,958    | 81,532          | 3,741                  | 100,231   | 14,405    | 78,961          | 5,345                  | 98,711    |
| Southeast                 | 294,799   | 634,402         | 67,143                 | 996,344   | 287,209   | 618,471         | 47,408                 | 953,088   |
| ***Minnesota              | 3,008,029 | 3,568,539       | 611,732                | 7,188,300 | 2,808,367 | 3,551,661       | 529,908                | 6,889,936 |

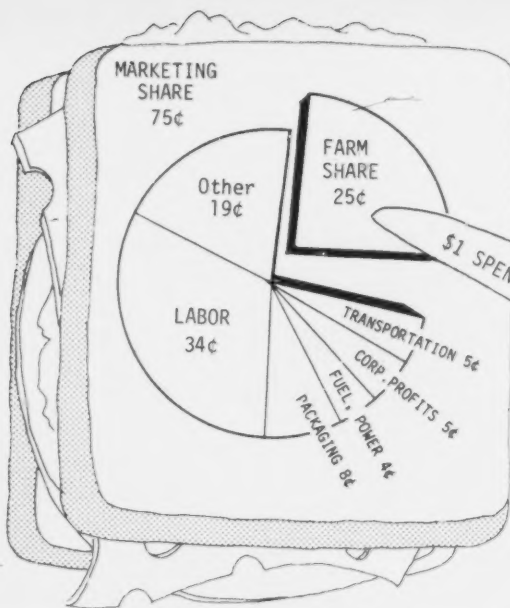
1/ Includes estimates of inter-farm and intra-state sales of livestock, resulting in larger total cash receipts than shown in USDA estimates on previous pages.

SOURCE: BUREAU OF ECONOMIC ANALYSIS, U.S. DEPARTMENT OF COMMERCE, WASHINGTON, D.C.

# MINNESOTA CASH RECEIPTS FROM FARM MARKETINGS

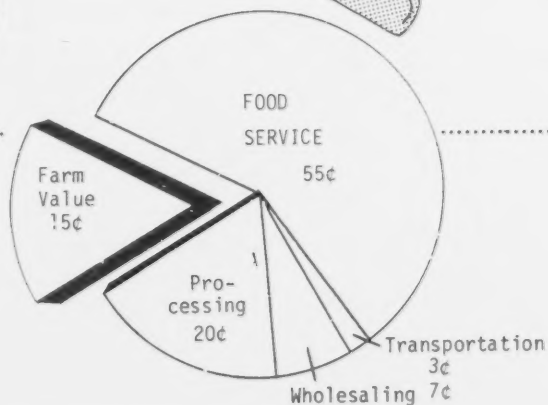
| Commodity                                 | 1982 1/          |                  | 1983 1/          |                  | 1984             |                  |
|-------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                           | Dollars          | Percent Of Total | Dollars          | Percent Of Total | Dollars          | Percent Of Total |
|                                           | 000              | Pct.             | 000              | Pct.             | 000              | Pct.             |
| <b>CROPS 2/</b>                           |                  |                  |                  |                  |                  |                  |
| <b>FEED CROPS</b>                         |                  |                  |                  |                  |                  |                  |
| Corn.....                                 | 938,777          | 14.2             | 931,258          | 14.4             | 963,450          | 15.4             |
| Oats.....                                 | 66,948           | 1.0              | 51,934           | 0.8              | 51,582           | 0.8              |
| Barley.....                               | 90,836           | 1.4              | 98,762           | 1.5              | 67,534           | 1.1              |
| Hay.....                                  | 57,064           | 0.9              | 58,055           | 0.9              | 55,735           | 0.9              |
| <b>FOOD GRAINS</b>                        |                  |                  |                  |                  |                  |                  |
| Wheat.....                                | 479,217          | 7.3              | 443,995          | 6.9              | 254,083          | 4.1              |
| Rye.....                                  | 8,150            | 0.1              | 11,210           | 0.2              | 15,924           | 0.3              |
| <b>OIL CROPS</b>                          |                  |                  |                  |                  |                  |                  |
| Soybeans.....                             | 939,929          | 14.3             | 1,125,410        | 17.4             | 1,083,360        | 17.4             |
| Flaxseed.....                             | 8,999            | 0.1              | 5,588            | 0.1              | 5,105            | 0.1              |
| Sunflowers.....                           | 66,141           | 1.0              | 49,859           | 0.8              | 30,300           | 0.5              |
| <b>VEGETABLE CROPS</b>                    |                  |                  |                  |                  |                  |                  |
| Potatoes.....                             | 57,644           | 0.9              | 50,386           | 0.8              | 57,976           | 0.9              |
| Sweet Corn (Processing).....              | 38,486           | 0.6              | 26,378           | 0.4              | 41,095           | 0.7              |
| Green Peas (Processing).....              | 22,958           | 0.3              | 18,377           | 0.3              | 24,883           | 0.4              |
| Sugarbeets.....                           | 162,513          | 2.5              | 158,672          | 2.5              | 151,606          | 2.4              |
| Dry Beans.....                            | 11,628           | 0.1              | 12,295           | 0.2              | 8,681            | 0.1              |
| All Seed Crops 3/.....                    | 6,519            | 0.1              | 6,222            | 0.1              | 5,149            | 0.1              |
| Apples.....                               | 4,403            | 0.1              | 4,109            | 0.1              | 3,277            | 0.1              |
| Greenhouse & Nursery.....                 | 44,083           | 0.7              | 44,083           | 0.7              | 48,885           | 0.8              |
| Other Crops & Veg. 4/....                 | 37,896           | 0.6              | 38,430           | 0.6              | 35,718           | 0.6              |
| <b>TOTAL CROPS.....</b>                   | <b>3,042,191</b> | <b>46.2</b>      | <b>3,135,023</b> | <b>48.4</b>      | <b>2,904,343</b> | <b>46.5</b>      |
| <b>LIVESTOCK PRODUCTS</b>                 |                  |                  |                  |                  |                  |                  |
| <b>MEAT ANIMALS</b>                       |                  |                  |                  |                  |                  |                  |
| Cattle & Calves.....                      | 1,008,875        | 15.3             | 835,367          | 12.9             | 863,096          | 13.8             |
| Hogs.....                                 | 844,522          | 12.8             | 741,410          | 11.5             | 726,857          | 11.6             |
| Sheep & Lambs.....                        | 14,716           | 0.2              | 15,480           | 0.2              | 14,447           | 0.2              |
| <b>DAIRY PRODUCTS.....</b>                | <b>1,333,046</b> | <b>20.2</b>      | <b>1,402,049</b> | <b>21.7</b>      | <b>1,290,333</b> | <b>20.7</b>      |
| <b>POULTRY AND EGGS</b>                   |                  |                  |                  |                  |                  |                  |
| Turkeys.....                              | 172,887          | 2.6              | 158,263          | 2.4              | 229,818          | 3.7              |
| Broilers.....                             | 26,663           | 0.4              | 30,866           | 0.5              | 39,104           | 0.6              |
| Farm Chickens.....                        | 2,670            | *                | 2,844            | *                | 4,288            | 0.1              |
| Eggs.....                                 | 99,701           | 1.5              | 101,789          | 1.6              | 123,627          | 2.0              |
| Wool.....                                 | 1,087            | *                | 823              | *                | 1,040            | *                |
| Miscellaneous Other                       |                  |                  |                  |                  |                  |                  |
| Livestock & Products 5/..                 | 42,672           | 0.6              | 48,396           | 0.7              | 45,415           | 0.6              |
| <b>TOTAL LIVESTOCK.....</b>               | <b>3,546,839</b> | <b>53.8</b>      | <b>3,337,287</b> | <b>51.6</b>      | <b>3,338,025</b> | <b>53.5</b>      |
| <b>TOTAL ALL CROPS AND LIVESTOCK.....</b> | <b>6,589,030</b> | <b>100.0</b>     | <b>6,472,310</b> | <b>100.0</b>     | <b>6,242,368</b> | <b>100.0</b>     |

1/ Revised. 2/ Includes Commodity Credit Corporation loans (calculated by crop open market sales plus net CCC loans). 3/ Kentucky bluegrass, red clover, timothy, and other seeds. 4/ Asparagus, green lima beans, snap beans, cabbage, onions, carrots, cucumbers, miscellaneous vegetables, mushrooms, other fruits, field and floriculture crops. 5/ Mink, goats, horses, mules, ducks, geese, honey, beeswax, turkey eggs and other livestock. \*Less than .05%. NOTE: Percents may not add to totals because of rounding.

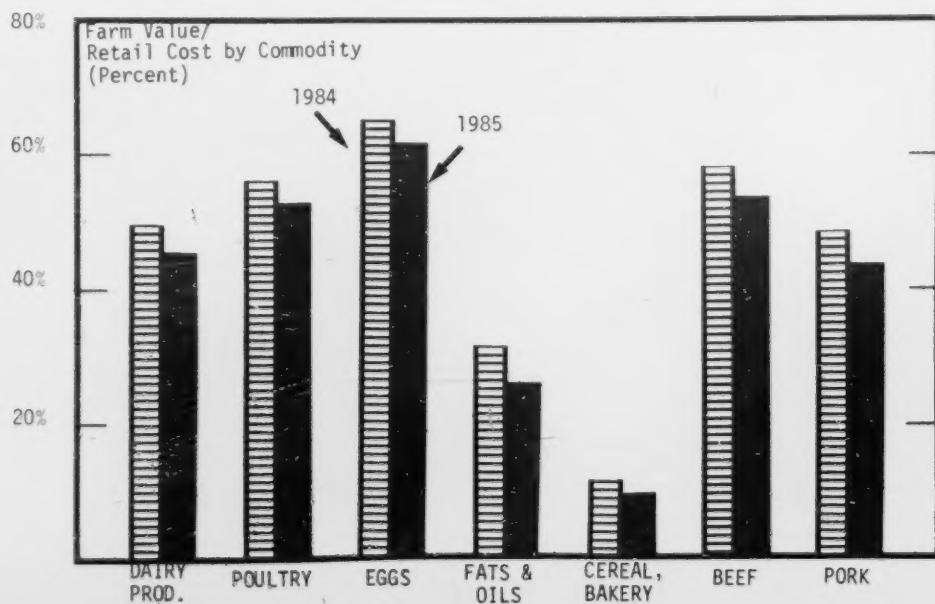


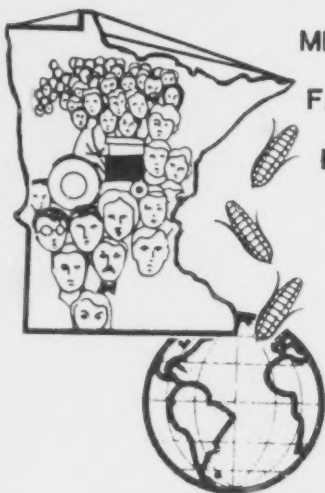
IN 1985, FARMERS GOT ONLY  
A 25-CENT SLICE OUT OF  
THE CONSUMER'S AT-HOME  
FOOD DOLLAR...

WHEN CONSUMERS  
EAT OUT, FARMERS GET  
JUST 15¢ OF EACH DOLLAR



FARMER'S SHARE  
OF RETAIL FOOD  
PRICE WEAKENS





## MINNESOTA FARM EXPORTS BOOST STATE'S ECONOMY

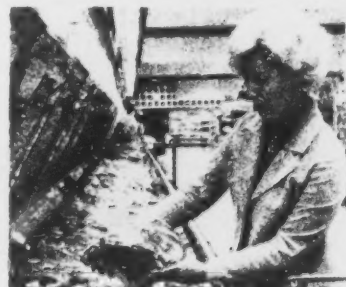
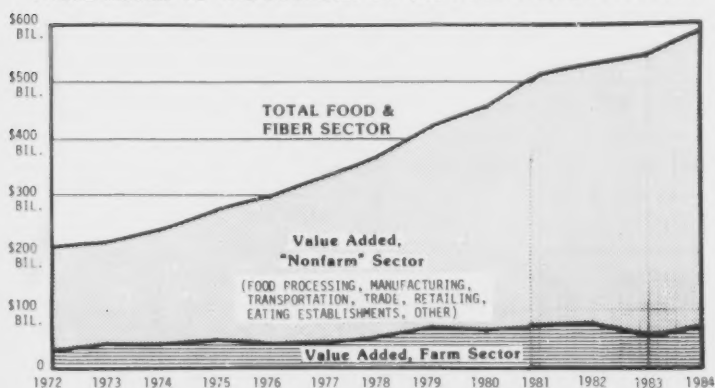
Based on Minnesota's farm output, the state's ag exports totaled \$1.65 billion in fiscal 1985 versus \$2.07 in 1984.

Shown at the right is the value of these exports by commodity group. These shares are derived from Minnesota's contribution to U.S. production and/or sales. They are not actual exports but reflect Minnesota's important stake in the national export market.

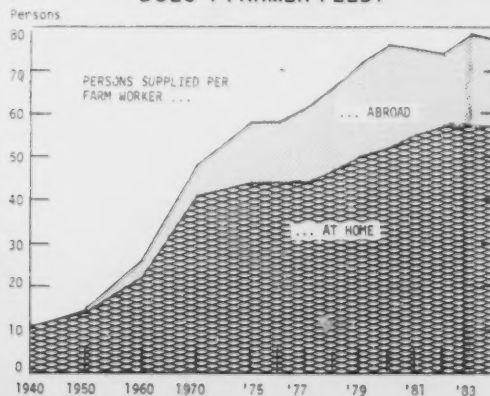
## 1985 Minn. Ag Exports Worth \$1.65 Bil.

|                                         |              |
|-----------------------------------------|--------------|
| FEEDGRAINS.....                         | \$669 Mil.   |
| SOYBEANS & PRODUCTS.....                | \$489 Mil.   |
| WHEAT & PRODUCTS.....                   | \$184 Mil.   |
| DAIRY PRODUCTS.....                     | \$ 50 Mil.   |
| SEEDS & FODDERS.....                    | \$ 40 Mil.   |
| HIDES & SKINS.....                      | \$ 37 Mil.   |
| VEGETABLES.....                         | \$ 37 Mil.   |
| LIVE ANIMALS & MEAT (Excl. Poultry).... | \$ 37 Mil.   |
| SUNFLOWER SEEDS AND OIL.....            | \$ 33 Mil.   |
| FATS, OILS, GREASES..                   | \$ 19 Mil.   |
| POULTRY.....                            | \$ 8 Mil.    |
| OTHER.....                              | \$ 44 Mil.   |
| TOTAL.....                              | \$1,647 Mil. |

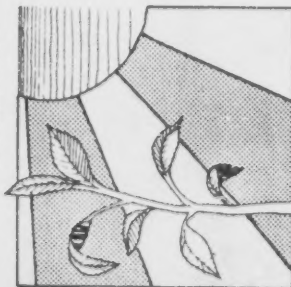
## VALUE ADDED TO THE ECONOMY BY THE FOOD & FIBER INDUSTRY



## HOW MANY PERSONS DOES 1 FARMER FEED?



# CLIMATIC SUMMARY

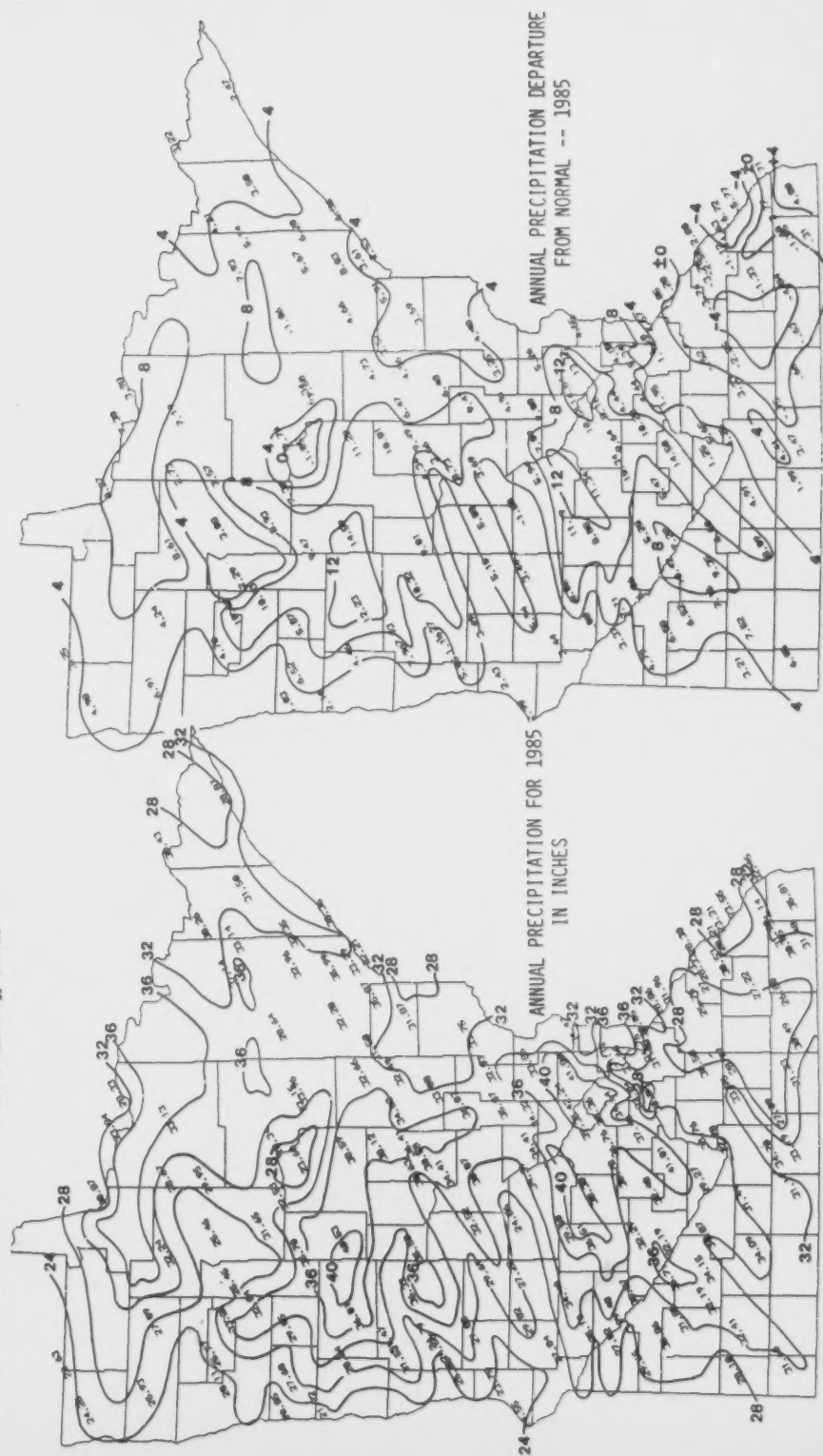


In the state as a whole, 1985 was an exceptionally wet year. The precipitation map shows above normal precipitation everywhere except for one area in the southeast and a small area in Cass county. The area in the southeast includes the counties of Goodhue, Wabasha, Steel, Dodge, Olmsted and Howe; and parts of Dakota, Rice, Waseca, Freeborn, Winona and Fillmore counties. There were three areas which recorded precipitation of 12 inches or more above normal; one was located in much of Becker and southern Hubbard counties; a second, in parts of Kandiyohi, Meeker and Stearns counties; and a third area in parts of Wright, Hennepin, Sherburne and Anoka counties. The greatest amount recorded was 44.78 inches in southern Hubbard county and the least amount was 19.13 inches in northwest Polk county.

The 1985 season was the fifth consecutive year in the Twin Cities metropolitan area with above normal precipitation. A 149-year combined Minneapolis-St. Paul-Fort Snelling record shows that the most recent 5-year period was the second wettest ever observed (33.18 ave.), being exceeded only in 1902-1906 (33.54 ave.). For a 10-year period only the 1870's and the early 1900's were wetter than the most recent 10-year period (30.19 ave.).

The observations used to prepare the maps were supplied by National Weather Service Cooperative observers. Each number plotted on the map refers to a station which is located at the left-most digit in each number. The reference period for precipitation normals is 1951-1980.

Earl L. Kuehnast and James A. Zandlo  
DNR, Division of Waters  
State Climatology Office



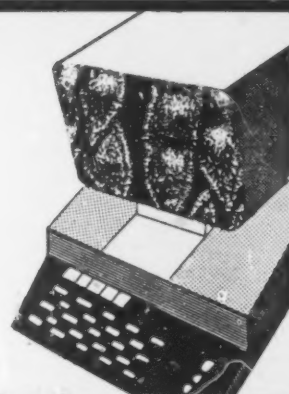
# AVERAGE FROST DATES IN MINNESOTA 1/

| District and station        | County            | Average date of last temperature occurrence in spring of: |        |        | Average date of first temperature occurrence in fall of: |        |        | Number of days between average last spring and first fall occurrence of: |      |      |
|-----------------------------|-------------------|-----------------------------------------------------------|--------|--------|----------------------------------------------------------|--------|--------|--------------------------------------------------------------------------|------|------|
|                             |                   | 24°F                                                      | 28°F   | 32°F   | 32°F                                                     | 28°F   | 24°F   | 32°F                                                                     | 28°F | 24°F |
| Northwest District (1):     |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Ada                         | Norman            | APR 29                                                    | MAY 9  | MAY 23 | SEP 20                                                   | SEP 30 | OCT 8  | 120                                                                      | 144  | 162  |
| Argyle                      | Marshall          | MAY 3                                                     | MAY 12 | MAY 24 | SEP 17                                                   | SEP 29 | OCT 7  | 116                                                                      | 140  | 157  |
| Crookston                   | Polk              | APR 29                                                    | MAY 9  | MAY 22 | SEP 21                                                   | OCT 1  | OCT 11 | 122                                                                      | 145  | 165  |
| Detroit Lakes               | Becker            | APR 28                                                    | MAY 8  | MAY 20 | SEP 22                                                   | OCT 3  | OCT 14 | 125                                                                      | 148  | 169  |
| Fosston                     | Polk              | MAY 1                                                     | MAY 10 | MAY 24 | SEP 16                                                   | SEP 30 | OCT 9  | 115                                                                      | 143  | 161  |
| Hallock                     | Kittson           | MAY 10                                                    | MAY 16 | MAY 28 | SEP 15                                                   | SEP 26 | OCT 2  | 110                                                                      | 133  | 145  |
| Moorhead                    | Clay              | APR 22                                                    | MAY 3  | MAY 12 | SEP 28                                                   | OCT 8  | OCT 16 | 139                                                                      | 158  | 177  |
| Red Lake Falls              | Red Lake          | MAY 3                                                     | MAY 14 | MAY 23 | SEP 16                                                   | SEP 27 | OCT 7  | 116                                                                      | 136  | 157  |
| Roseau                      | Roseau            | MAY 6                                                     | MAY 16 | MAY 26 | SEP 13                                                   | SEP 23 | OCT 6  | 110                                                                      | 130  | 153  |
| Warroad                     | Roseau            | MAY 3                                                     | MAY 12 | MAY 24 | SEP 19                                                   | SEP 30 | OCT 9  | 118                                                                      | 141  | 159  |
| North Central District (2): |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Baudette                    | Lake of the Woods | MAY 1                                                     | MAY 13 | MAY 26 | SEP 15                                                   | SEP 28 | OCT 6  | 112                                                                      | 138  | 158  |
| Bemidji                     | Beltrami          | MAY 1                                                     | MAY 17 | MAY 29 | SEP 13                                                   | SEP 28 | OCT 3  | 107                                                                      | 134  | 155  |
| Big Falls                   | Koochiching       | MAY 4                                                     | MAY 17 | JUN 4  | SEP 7                                                    | SEP 18 | OCT 4  | 95                                                                       | 124  | 153  |
| Grand Rapids                | Itasca            | MAY 6                                                     | MAY 17 | MAY 30 | SEP 9                                                    | SEP 23 | OCT 3  | 102                                                                      | 129  | 150  |
| Park Rapids                 | Hubbard           | MAY 1                                                     | MAY 11 | MAY 21 | SEP 20                                                   | OCT 3  | OCT 9  | 122                                                                      | 145  | 161  |
| Northeast District (3):     |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Babbitt                     | St. Louis         | MAY 1                                                     | MAY 12 | MAY 20 | SEP 24                                                   | OCT 8  | OCT 16 | 127                                                                      | 149  | 168  |
| Duluth (Airport)            | St. Louis         | MAY 3                                                     | MAY 8  | MAY 22 | SEP 24                                                   | OCT 6  | OCT 17 | 125                                                                      | 151  | 167  |
| Grand Marais                | Cook              | APR 25                                                    | MAY 11 | MAY 23 | SEP 29                                                   | OCT 13 | OCT 25 | 129                                                                      | 155  | 183  |
| Meadowlands                 | St. Louis         | MAY 11                                                    | MAY 20 | JUN 4  | AUG 31                                                   | SEP 16 | OCT 2  | 68                                                                       | 119  | 144  |
| Two Harbors                 | Lake              | APR 21                                                    | MAY 3  | MAY 15 | OCT 5                                                    | OCT 17 | OCT 31 | 143                                                                      | 167  | 193  |
| Virginia                    | St. Louis         | MAY 4                                                     | MAY 13 | MAY 26 | SEP 18                                                   | SEP 29 | OCT 9  | 115                                                                      | 139  | 158  |
| West Central District (4):  |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Alexandria                  | Douglas           | APR 19                                                    | MAY 1  | MAY 12 | SEP 30                                                   | OCT 8  | OCT 25 | 141                                                                      | 160  | 189  |
| Beardsley                   | Big Stone         | APR 25                                                    | MAY 6  | MAY 17 | SEP 23                                                   | OCT 2  | OCT 12 | 129                                                                      | 149  | 167  |
| Campbell                    | Wilkin            | APR 28                                                    | MAY 5  | MAY 18 | SEP 22                                                   | SEP 30 | OCT 7  | 127                                                                      | 148  | 162  |
| Canby                       | Yellow Medicine   | APR 18                                                    | APR 29 | MAY 10 | OCT 2                                                    | OCT 10 | OCT 22 | 145                                                                      | 164  | 187  |
| Fergus Falls                | Otter Tail        | APR 23                                                    | MAY 2  | MAY 13 | SEP 25                                                   | OCT 6  | OCT 18 | 135                                                                      | 157  | 178  |
| Montevideo                  | Lac Qui Parle     | APR 16                                                    | APR 28 | MAY 7  | OCT 1                                                    | OCT 13 | OCT 24 | 147                                                                      | 168  | 191  |
| Morris                      | Stevens           | APR 23                                                    | MAY 6  | MAY 15 | SEP 25                                                   | OCT 2  | OCT 14 | 133                                                                      | 149  | 174  |
| Wheaton                     | Traverse          | APR 24                                                    | MAY 4  | MAY 10 | SEP 25                                                   | OCT 3  | OCT 15 | 138                                                                      | 152  | 172  |
| Central District (5):       |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Bird Island                 | Renville          | APR 14                                                    | APR 27 | MAY 9  | SEP 30                                                   | OCT 10 | OCT 22 | 144                                                                      | 166  | 191  |
| Little Falls                | Morrison          | APR 22                                                    | APR 30 | MAY 10 | SEP 26                                                   | OCT 7  | OCT 18 | 139                                                                      | 160  | 180  |
| St. Cloud                   | Stearns           | APR 18                                                    | APR 24 | MAY 9  | SEP 29                                                   | OCT 13 | OCT 21 | 143                                                                      | 172  | 186  |
| Wadena                      | Wadena            | APR 27                                                    | MAY 8  | MAY 22 | SEP 21                                                   | SEP 30 | OCT 12 | 122                                                                      | 145  | 168  |
| Willmar                     | Kandiyohi         | APR 19                                                    | APR 28 | MAY 8  | SEP 29                                                   | OCT 7  | OCT 23 | 144                                                                      | 162  | 187  |
| East Central District (6):  |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Brainerd                    | Crow Wing         | APR 24                                                    | MAY 4  | MAY 16 | SEP 24                                                   | SEP 30 | OCT 14 | 131                                                                      | 149  | 173  |
| Cambridge                   | Isanti            | APR 20                                                    | APR 29 | MAY 13 | SEP 26                                                   | OCT 5  | OCT 17 | 136                                                                      | 169  | 170  |
| Hinckley                    | Pine              | APR 22                                                    | MAY 4  | MAY 19 | SEP 24                                                   | OCT 3  | OCT 14 | 128                                                                      | 152  | 175  |
| Maple Plain                 | Hennepin          | APR 16                                                    | APR 26 | MAY 7  | OCT 5                                                    | OCT 14 | OCT 26 | 151                                                                      | 171  | 193  |
| Millaca                     | Millie Lacs       | APR 22                                                    | MAY 3  | MAY 12 | SEP 25                                                   | OCT 8  | OCT 18 | 136                                                                      | 158  | 179  |
| Moose Lake                  | Carlton           | APR 30                                                    | MAY 15 | MAY 24 | SEP 13                                                   | SEP 27 | OCT 13 | 112                                                                      | 135  | 166  |
| Mora                        | Kanabec           | APR 22                                                    | MAY 5  | MAY 14 | SEP 26                                                   | OCT 2  | OCT 17 | 135                                                                      | 150  | 178  |
| Southwest District (7):     |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Pipestone                   | Pipestone         | APR 20                                                    | MAY 3  | MAY 9  | OCT 1                                                    | OCT 9  | OCT 22 | 145                                                                      | 159  | 185  |
| Redwood Falls               | Redwood           | APR 14                                                    | APR 26 | MAY 3  | OCT 3                                                    | OCT 15 | OCT 23 | 153                                                                      | 172  | 192  |
| Tracy                       | Lyon              | APR 17                                                    | APR 30 | MAY 8  | OCT 6                                                    | OCT 15 | OCT 23 | 151                                                                      | 168  | 179  |
| Worthington                 | Nobles            | APR 15                                                    | APR 30 | MAY 7  | OCT 4                                                    | OCT 16 | OCT 23 | 150                                                                      | 169  | 191  |
| South Central District (8): |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Albert Lea                  | Freeborn          | APR 6                                                     | APR 20 | MAY 3  | OCT 6                                                    | OCT 21 | OCT 28 | 156                                                                      | 184  | 205  |
| Fairmont                    | Martin            | APR 11                                                    | APR 25 | MAY 5  | OCT 8                                                    | OCT 18 | OCT 27 | 156                                                                      | 176  | 199  |
| Faribault                   | Rice              | APR 17                                                    | APR 27 | MAY 6  | OCT 5                                                    | OCT 17 | OCT 25 | 152                                                                      | 173  | 191  |
| New Ulm                     | Brown             | APR 19                                                    | MAY 1  | MAY 13 | SEP 27                                                   | OCT 6  | OCT 21 | 137                                                                      | 158  | 185  |
| St. Peter                   | Nicollet          | APR 10                                                    | APR 28 | MAY 9  | SEP 30                                                   | OCT 12 | OCT 23 | 144                                                                      | 167  | 196  |
| Waseca                      | Waseca            | APR 18                                                    | APR 28 | MAY 9  | SEP 29                                                   | OCT 10 | OCT 23 | 143                                                                      | 165  | 188  |
| Winnebago                   | Faribault         | APR 13                                                    | APR 28 | MAY 5  | OCT 6                                                    | OCT 18 | OCT 27 | 154                                                                      | 173  | 197  |
| Southeast District (9):     |                   |                                                           |        |        |                                                          |        |        |                                                                          |      |      |
| Farmington                  | Dakota            | APR 15                                                    | APR 25 | MAY 9  | OCT 1                                                    | OCT 10 | OCT 22 | 145                                                                      | 168  | 190  |
| Grand Meadow                | Mower             | APR 14                                                    | MAY 1  | MAY 10 | SEP 29                                                   | OCT 11 | OCT 25 | 142                                                                      | 163  | 194  |
| Winona                      | Winona            | APR 2                                                     | APR 17 | APR 28 | OCT 9                                                    | OCT 22 | NOV 2  | 164                                                                      | 188  | 215  |
| Zumbrota                    | Goodhue           | APR 19                                                    | MAY 3  | MAY 14 | SEP 30                                                   | OCT 7  | OCT 19 | 139                                                                      | 157  | 183  |

1/ From data prepared by the National Weather Service Forecast Office, Minneapolis, Minnesota.

## SECTION II:

# CROPS



A YEAR OF RECORD YIELDS AS CORN, SPRING WHEAT, OATS, BARLEY HIT ALL-TIME HIGHS

Minnesota's **CORN** production of 724.5 million bushels was 5% above last year's crop. The average yield of 115 bushels per acre was up 8 bushels from 1984 for a record high. Planted acres abandoned was 230,000 compared with only 95,000 acres last year.

**SOYBEAN** production was estimated at 160.0 million bushels, down from 1984. Yield at 32 bushels per acre was 1 bushel below last year.

Minnesota's 1985 **WHEAT** crop totaled 142.4 million bushels, up 18% from last year. Spring wheat accounted for the increase with producers reporting average yields of 55 bushels per acre, up 7 bushels from last year's record.

**OATS** production of 77.0 million bushels was down 1% from 1984. The average yield of 70 bushels per acre was a record.

Minnesota's **BARLEY** yield of 66 bushels per acre was a record by 1 bushel. Production of 71.0 million bushels was up 15% from last year.



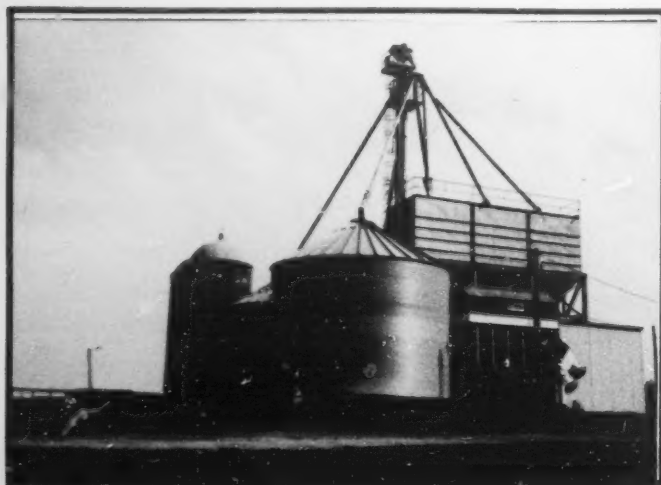
**RYE** producers combined 3.3 million bushels, half as much as 1984. Yield at 30 bushels per acre was down 8 bushels from last year's record.

All **SUNFLOWER** planted acreage of 245,000 was down 7% from 1984. Production of 197.8 million pounds was down 37% from last year. Non-oil production was up 62% but oil output was down 42%. Average yield for all sunflowers came in at 903 pounds per acre.

**FLAX** production of 950,000 bushels was up 45% from 1984. Acres harvested was up only 5,000 but yield at 19 bushels was up 4.5 bushels from last year and surpassed the old record set in 1978 by 3.5 bushels.

All **HAY** production in Minnesota at 8.0 million tons was down 5% from 1984.

**DRY EDIBLE BEAN** production at 868,000 hundred-weight was up 24% from last year. Yield at 1,400 pounds was the same as last year.



# MINNESOTA & U.S. CROP PRODUCTION RECORDS

| Crop            | Plantings<br>(000 Acres) |      | Yield<br>Per Acre |      | Production<br>(000) |      |
|-----------------|--------------------------|------|-------------------|------|---------------------|------|
| CORN:           |                          |      |                   |      |                     |      |
| Minnesota       | 7,700                    | 1981 | 115.0 Bu.         | 1985 | 744,700 Bu.         | 1981 |
| United States   | 113,024                  | 1932 | 118.0 Bu.         | 1985 | 8,865,006 Bu.       | 1985 |
| SOYBEANS:       |                          |      |                   |      |                     |      |
| Minnesota       | 5,300                    | 1984 | 36.0 Bu.          | 1978 | 172,920 Bu.         | 1984 |
| United States   | 71,411                   | 1979 | 34.1 Bu.          | 1985 | 2,260,665 Bu.       | 1979 |
| ALL WHEAT:      |                          |      |                   |      |                     |      |
| Minnesota       | 6,375 1/                 | 1899 | 53.1 Bu.          | 1985 | 142,426 Bu.         | 1985 |
| United States   | 88,251                   | 1981 | 39.4 Bu.          | 1983 | 2,785,357 Bu.       | 1981 |
| BARLEY:         |                          |      |                   |      |                     |      |
| Minnesota       | 2,380                    | 1935 | 66.0 Bu.          | 1985 | 70,950 Bu.          | 1985 |
| United States   | 19,686                   | 1942 | 57.2 Bu.          | 1982 | 599,204 Bu.         | 1984 |
| OATS:           |                          |      |                   |      |                     |      |
| Minnesota       | 5,466                    | 1945 | 70.0 Bu.          | 1985 | 242,640 Bu.         | 1945 |
| United States   | 47,494                   | 1955 | 63.6 Bu.          | 1985 | 1,523,851 Bu.       | 1945 |
| ALL HAY:        |                          |      |                   |      |                     |      |
| Minnesota       | 4,721 1/                 | 1941 | 3.02 Tons         | 1979 | 8,910 Tons          | 1979 |
| United States   | 77,639 1/                | 1944 | 2.50 Tons         | 1982 | 150,648 Tons        | 1984 |
| FLAX:           |                          |      |                   |      |                     |      |
| Minnesota       | 1,758                    | 1943 | 19.0 Bu.          | 1985 | 19,102 Bu.          | 1948 |
| United States   | 6,182                    | 1943 | 14.2 Bu.          | 1985 | 54,803 Bu.          | 1948 |
| RYE:            |                          |      |                   |      |                     |      |
| Minnesota       | 665                      | 1937 | 38.0 Bu.          | 1984 | 23,522 Bu.          | 1922 |
| United States   | 7,235                    | 1937 | 33.1 Bu.          | 1984 | 125,144 Bu.         | 1918 |
| SUGARBEETS:     |                          |      |                   |      |                     |      |
| Minnesota       | 278                      | 1985 | 18.9 Tons         | 1978 | 5,088 Tons          | 1985 |
| United States   | 1,647                    | 1969 | 22.4 Tons         | 1981 | 29,704 Tons         | 1975 |
| ALL SUNFLOWERS: |                          |      |                   |      |                     |      |
| Minnesota       | 1,400                    | 1979 | 1,558 Lbs.        | 1977 | 1,870,620 Lbs.      | 1979 |
| United States   | 5,555                    | 1979 | 1,365 Lbs.        | 1978 | 7,296,110 Lbs.      | 1979 |

1/ Harvested acres.

## MINNESOTA STOCKS & CROP PRICE RECORDS

| Crop                | Farm Stocks<br>(000)        | Off-Farm Stocks<br>(000)    | High Monthly<br>Price           | Low Monthly<br>Price           |
|---------------------|-----------------------------|-----------------------------|---------------------------------|--------------------------------|
| Minnesota Corn      | 763,880 Bu.<br>Jan. 1, 1983 | 170,367 Bu.<br>Jan. 1, 1983 | \$3.34 Bu.<br>October 1974      | \$0.13 Bu.<br>February 1933    |
| Minnesota Soybeans  | 123,000 Bu.<br>Jan. 1, 1985 | 73,227 Bu.<br>Jan. 1, 1985  | \$10.00 Bu.<br>June 1973        | \$0.65 Bu.<br>August 1939      |
| Minnesota All Wheat | 162,366 Bu.<br>Oct. 1, 1985 | 90,136 Bu.<br>Oct. 1, 1964  | \$5.38 Bu.<br>February 1974     | \$0.33 Bu.<br>December 1932    |
| Minnesota Barley    | 88,668 Bu.<br>Oct. 1, 1985  | 33,651 Bu.<br>Oct. 1, 1970  | \$3.82 Bu.<br>November 1974     | \$0.16 Bu.<br>Feb., March 1933 |
| Minnesota Oats      | 208,670 Bu.<br>Oct. 1, 1945 | 78,566 Bu.<br>Oct. 1, 1971  | \$2.04 Bu.<br>March 1981        | \$0.10 Bu.<br>October 1932     |
| Minnesota Flax      | 6,695 Bu.<br>Oct. 1, 1950   | 21,538 Bu.<br>Oct. 1, 1949  | \$10.80 Bu.<br>March, Aug. 1974 | \$0.82 Bu.<br>August 1932      |
| Minnesota Rye       | 4,356 Bu.<br>Dec. 1, 1940   | 12,720 Bu.<br>Oct. 1, 1972  | \$2.93 Bu. 1/<br>1981           | \$0.19 Bu.<br>December 1932    |

1/ Highest annual price since monthly prices were discontinued in June 1976.

# MINNESOTA CROP ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE

| Crop Year | Acreage Planted | Acreage Harvested | Yield Per Harvested Acre | Production | Season Average Price <sup>2/</sup> | Farm Value of Production |
|-----------|-----------------|-------------------|--------------------------|------------|------------------------------------|--------------------------|
|-----------|-----------------|-------------------|--------------------------|------------|------------------------------------|--------------------------|

## CORN FOR GRAIN

|      | <u>1,000 Acres 1/</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|-----------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 7,700                 | 6,770              | 110.0          | 744,700              | 2.33                | 1,735,151          |
| 1982 | 7,300                 | 6,500              | 113.0          | 734,500              | 2.63                | 1,931,735          |
| 1983 | 5,100                 | 4,370              | 84.0           | 367,080              | 3.05                | 1,119,594          |
| 1984 | 7,250                 | 6,440              | 107.0          | 689,080              | 2.45                | 1,688,246          |
| 1985 | 7,300                 | 6,300              | 115.0          | 724,500              | 2.30                | 1,666,350          |

## CORN FOR SILAGE

|      |       | <u>1,000 Acres</u> | <u>Tons</u> | <u>1,000 Tons</u> |      |     |
|------|-------|--------------------|-------------|-------------------|------|-----|
| 1981 | ----- | 810                | 13.5        | 10,935            | ---- | --- |
| 1982 | ----- | 730                | 13.5        | 9,855             | ---- | --- |
| 1983 | ----- | 650                | 11.5        | 7,475             | ---- | --- |
| 1984 | ----- | 700                | 12.0        | 8,400             | ---- | --- |
| 1985 | ----- | 750                | 12.5        | 9,375             | ---- | --- |

## SOYBEANS

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 4,460              | 4,350              | 32.0           | 139,200              | 5.77                | 803,184            |
| 1982 | 4,950              | 4,830              | 35.0           | 169,050              | 5.81                | 982,181            |
| 1983 | 4,650              | 4,600              | 33.0           | 151,800              | 7.64                | 1,159,752          |
| 1984 | 5,300              | 5,240              | 33.0           | 172,920              | 5.43                | 938,956            |
| 1985 | 5,100              | 5,000              | 32.0           | 160,000              | 5.05                | 808,000            |

## OATS

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 1,600              | 1,430              | 63.0           | 90,090               | 1.82                | 163,964            |
| 1982 | 1,700              | 1,530              | 64.0           | 97,920               | 1.36                | 133,171            |
| 1983 | 2,800              | 1,350              | 57.0           | 76,950               | 1.57                | 120,812            |
| 1984 | 1,500              | 1,200              | 65.0           | 78,000               | 1.60                | 124,800            |
| 1985 | 1,550              | 1,100              | 70.0           | 77,000               | 1.20                | 92,400             |

## BARLEY

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 1,050              | 1,030              | 56.0           | 57,680               | 2.21                | 127,473            |
| 1982 | 900                | 880                | 58.0           | 51,040               | 2.04                | 104,122            |
| 1983 | 1,000              | 820                | 53.0           | 43,460               | 2.34                | 101,696            |
| 1984 | 1,050              | 950                | 65.0           | 61,750               | 2.06                | 127,205            |
| 1985 | 1,200              | 1,075              | 66.0           | 70,950               | 1.85                | 131,257            |

## RYE

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 100                | 93                 | 31.0           | 2,883                | 2.93                | 8,447              |
| 1982 | 120                | 100                | 33.0           | 3,300                | 2.31                | 7,623              |
| 1983 | 200                | 160                | 31.0           | 4,960                | 2.09                | 10,366             |
| 1984 | 200                | 175                | 38.0           | 6,650                | 1.94                | 12,901             |
| 1985 | 145                | 110                | 30.0           | 3,300                | 1.80                | 5,940              |

1/ Acreage planted to corn is for "all purposes". 2/ Season average prices include an allowance for loans outstanding and purchases by the government valued at average loan and purchase rate but exclude deficiency payments, if any. 1985 prices are preliminary.

# MINNESOTA CROP ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONT'D)

| Crop Year | Acreage Planted | Acreage Harvested | Yield Per Harvested Acre | Production | Season Average Price <sup>1/</sup> | Farm Value Of Production |
|-----------|-----------------|-------------------|--------------------------|------------|------------------------------------|--------------------------|
|-----------|-----------------|-------------------|--------------------------|------------|------------------------------------|--------------------------|

## ALL WHEAT

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bu hels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 3,570              | 3,510              | 39.9           | 140,325              | 3.72                | 536,118            |
| 1982 | 3,240              | 3,184              | 39.8           | 126,809              | 3.75                | 475,451            |
| 1983 | 2,340              | 2,140              | 36.9           | 78,960               | 3.82                | 301,413            |
| 1984 | 2,635              | 2,553              | 47.3           | 120,711              | 3.41                | 411,688            |
| 1985 | 2,835              | 2,683              | 53.1           | 142,426              | 3.27                | 465,776            |

## SPRING WHEAT (OTHER THAN DURUM)

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 3,300              | 3,250              | 40.0           | 130,000              | 3.73                | 499,820            |
| 1982 | 3,070              | 3,020              | 40.0           | 120,800              | 3.75                | 453,000            |
| 1983 | 2,200              | 2,030              | 37.0           | 75,110               | 3.82                | 286,920            |
| 1984 | 2,200              | 2,160              | 48.0           | 103,680              | 3.42                | 354,586            |
| 1985 | 2,450              | 2,370              | 55.0           | 130,350              | 3.30                | 430,155            |

## DURUM WHEAT

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 140                | 135                | 40.0           | 5,400                | 3.63                | 19,602             |
| 1982 | 80                 | 78                 | 39.0           | 3,042                | 3.83                | 11,651             |
| 1983 | 40                 | 35                 | 35.0           | 1,225                | 4.01                | 4,912              |
| 1984 | 35                 | 33                 | 47.0           | 1,551                | 3.68                | 5,708              |
| 1985 | 35                 | 33                 | 52.0           | 1,716                | 3.25                | 5,577              |

## WINTER WHEAT

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 130                | 125                | 37.0           | 4,625                | 3.61                | 16,696             |
| 1982 | 90                 | 86                 | 34.5           | 2,967                | 3.64                | 10,800             |
| 1983 | 100                | 75                 | 35.0           | 2,625                | 3.65                | 9,581              |
| 1984 | 400                | 360                | 43.0           | 15,480               | 3.32                | 51,394             |
| 1985 | 350                | 280                | 37.0           | 10,360               | 2.90                | 30,044             |

## FLAXSEED

|      | <u>1,000 Acres</u> | <u>1,000 Acres</u> | <u>Bushels</u> | <u>1,000 Bushels</u> | <u>Dols.Per Bu.</u> | <u>1,000 Dols.</u> |
|------|--------------------|--------------------|----------------|----------------------|---------------------|--------------------|
| 1981 | 115                | 104                | 12.5           | 1,300                | 6.88                | 8,944              |
| 1982 | 120                | 110                | 15.0           | 1,650                | 5.20                | 8,580              |
| 1983 | 85                 | 75                 | 12.5           | 938                  | 6.68                | 6,266              |
| 1984 | 50                 | 45                 | 14.5           | 653                  | 5.95                | 3,885              |
| 1985 | 60                 | 50                 | 19.0           | 950                  | 5.00                | 4,750              |

## SUGARBEETS

|      | <u>Acres</u> | <u>Acres</u> | <u>Tons</u> | <u>Tons</u> | <u>Dols.Per Ton 2/</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|-------------|-------------|------------------------|--------------------|
| 1981 | 259,000      | 256,000      | 17.2        | 4,403,000   | 20.00                  | 88,060             |
| 1982 | 253,000      | 252,000      | 18.8        | 4,738,000   | 34.30                  | 162,513            |
| 1983 | 262,000      | 259,000      | 18.0        | 4,662,000   | 35.40                  | 165,035            |
| 1984 | 268,000      | 263,000      | 16.5        | 4,340,000   | 35.40                  | 153,636            |
| 1985 | 278,000      | 276,000      | 18.4        | 5,088,000   | 3/                     | 3/                 |

1/ Season average prices include an allowance for loans outstanding and purchases by the government valued at average loan and purchase rate but exclude deficiency payments, if any. 1985 prices are preliminary.

2/ Excludes Sugar Act payments.

3/ Not Available.

# MINNESOTA CROP ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONT'D)

| Crop Year          | Acreage Planted | Acreage Harvested | Yield Per Harvested Acre | Production | Season Average Price <sup>1</sup> | Farm Value Of Production |
|--------------------|-----------------|-------------------|--------------------------|------------|-----------------------------------|--------------------------|
| ALL SUNFLOWERS     |                 |                   |                          |            |                                   |                          |
|                    | 1,000 Acres     | 1,000 Acres       | Pounds                   | 1,000 Lbs. | Dols. Per Cwt.                    | 1,000 Dols.              |
| 1981               | 735             | 713               | 1,155                    | 823,550    | 11.00                             | 90,423                   |
| 1982               | 540             | 508               | 1,329                    | 675,240    | 9.38                              | 63,337                   |
| 1983               | 250             | 239               | 1,106                    | 264,250    | 14.00                             | 36,956                   |
| 1984               | 264             | 251               | 1,247                    | 313,100    | 11.40                             | 35,738                   |
| 1985               | 245             | 219               | 903                      | 197,780    | 8.89                              | 17,590                   |
| OIL SUNFLOWERS     |                 |                   |                          |            |                                   |                          |
|                    | 1,000 Acres     | 1,000 Acres       | Pounds                   | 1,000 Lbs. | Dols. Per Cwt.                    | 1,000 Dols.              |
| 1981               | 650             | 621               | 1,170                    | 738,270    | 10.70                             | 78,995                   |
| 1982               | 505             | 475               | 1,350                    | 641,250    | 9.31                              | 59,700                   |
| 1983               | 240             | 230               | 1,100                    | 253,000    | 13.90                             | 35,167                   |
| 1984               | 250             | 238               | 1,250                    | 297,500    | 11.20                             | 33,320                   |
| 1985               | 220             | 196               | 880                      | 172,480    | 8.35                              | 14,402                   |
| NON-OIL SUNFLOWERS |                 |                   |                          |            |                                   |                          |
|                    | 1,000 Acres     | 1,000 Acres       | Pounds                   | 1,000 Lbs. | Dols. Per Cwt.                    | 1,000 Dols.              |
| 1981               | 85              | 82                | 1,040                    | 85,280     | 13.40                             | 11,428                   |
| 1982               | 35              | 33                | 1,030                    | 33,990     | 10.70                             | 3,637                    |
| 1983               | 10              | 9                 | 1,250                    | 11,250     | 15.90                             | 1,789                    |
| 1984               | 14              | 13                | 1,200                    | 15,600     | 15.50                             | 2,418                    |
| 1985               | 25              | 23                | 1,100                    | 25,300     | 12.60                             | 3,188                    |
| ALL HAY            |                 |                   |                          |            |                                   |                          |
|                    |                 | 1,000 Acres       | Tons                     | 1,000 Tons | Dols. Per Ton                     | 1,000 Dols.              |
| 1981               | -----           | 2,860             | 2.87                     | 8,206      | 68.00                             | 558,008                  |
| 1982               | -----           | 2,870             | 2.88                     | 8,264      | 67.50                             | 557,820                  |
| 1983               | -----           | 2,830             | 2.94                     | 8,316      | 61.00                             | 507,276                  |
| 1984               | -----           | 2,800             | 3.01                     | 8,440      | 53.00                             | 447,320                  |
| 1985               | -----           | 2,725             | 2.94                     | 8,003      | 67.50                             | 540,202                  |
| ALFALFA HAY        |                 |                   |                          |            |                                   |                          |
|                    |                 | 1,000 Acres       | Tons                     | 1,000 Tons | Dols. Per Ton                     | 1,000 Dols.              |
| 1981               | -----           | 2,000             | 3.20                     | 6,400      | -----                             | -----                    |
| 1982               | -----           | 1,950             | 3.20                     | 6,240      | -----                             | -----                    |
| 1983               | -----           | 1,900             | 3.30                     | 6,270      | -----                             | -----                    |
| 1984               | -----           | 1,900             | 3.40                     | 6,460      | -----                             | -----                    |
| 1985               | -----           | 1,825             | 3.30                     | 6,023      | -----                             | -----                    |
| ALL OTHER HAY      |                 |                   |                          |            |                                   |                          |
|                    |                 | 1,000 Acres       | Tons                     | 1,000 Tons | Dols. Per Ton                     | 1,000 Dols.              |
| 1981               | -----           | 860               | 2.10                     | 1,806      | -----                             | -----                    |
| 1982               | -----           | 920               | 2.20                     | 2,024      | -----                             | -----                    |
| 1983               | -----           | 930               | 2.20                     | 2,046      | -----                             | -----                    |
| 1984               | -----           | 900               | 2.20                     | 1,980      | -----                             | -----                    |
| 1985               | -----           | 900               | 2.20                     | 1,980      | -----                             | -----                    |

1/ 1985 prices are preliminary.

# MINNESOTA CROP ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONT'D)

| Crop Year | Acreage Planted | Acreage Harvested | Yield Per Harvested Acre | Production | Season Average Price | Farm Value of Production |
|-----------|-----------------|-------------------|--------------------------|------------|----------------------|--------------------------|
|-----------|-----------------|-------------------|--------------------------|------------|----------------------|--------------------------|

## ALL POTATOES

|      | <u>Acres</u> | <u>Acres</u> | <u>Cwt.</u> | <u>1,000 Cwt.</u> | <u>Dols. Per Cwt.</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|-------------|-------------------|-----------------------|--------------------|
| 1981 | 79,200       | 76,100       | 196         | 14,947            | 4.90                  | 72,868             |
| 1982 | 77,700       | 70,600       | 190         | 13,401            | 3.95                  | 52,617             |
| 1983 | 75,700       | 67,600       | 172         | 11,639            | 5.55                  | 64,369             |
| 1984 | 83,300       | 78,500       | 197         | 15,455            | 5.10                  | 78,519             |
| 1985 | 85,200       | 75,500       | 211         | 15,933            | 3.25 1/               | 51,775             |

## FALL POTATOES

|      | <u>Acres</u> | <u>Acres</u> | <u>Cwt.</u> | <u>1,000 Cwt.</u> | <u>Dols. Per Cwt.</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|-------------|-------------------|-----------------------|--------------------|
| 1981 | 73,000       | 70,000       | 190         | 13,300            | 4.55                  | 60,515             |
| 1982 | 71,000       | 64,000       | 180         | 11,520            | 3.80                  | 43,776             |
| 1983 | 70,500       | 62,500       | 165         | 10,313            | 5.20                  | 53,628             |
| 1984 | 77,100       | 72,500       | 190         | 13,775            | 4.70                  | 64,743             |
| 1985 | 78,500       | 69,000       | 205         | 14,145            | NA                    | NA                 |

## SUMMER POTATOES

|      | <u>Acres</u> | <u>Acres</u> | <u>Cwt.</u> | <u>1,000 Cwt.</u> | <u>Dols. Per Cwt.</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|-------------|-------------------|-----------------------|--------------------|
| 1981 | 6,200        | 6,100        | 270         | 1,647             | 7.50                  | 12,353             |
| 1982 | 6,700        | 6,600        | 285         | 1,881             | 4.70                  | 8,841              |
| 1983 | 5,200        | 5,100        | 260         | 1,326             | 8.10                  | 10,741             |
| 1984 | 6,200        | 6,000        | 280         | 1,680             | 8.20                  | 13,776             |
| 1985 | 6,700        | 6,500        | 275         | 1,788             | NA                    | NA                 |

## DRY EDIBLE BEANS

|      | <u>Acres</u> | <u>Acres</u> | <u>Pounds</u> | <u>1,000 Cwt.</u> | <u>Dols. Per Cwt.</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|---------------|-------------------|-----------------------|--------------------|
| 1981 | 110,000      | 103,000      | 1,240         | 1,277             | 21.90                 | 27,966             |
| 1982 | 95,000       | 73,000       | 1,300         | 949               | 12.40                 | 11,768             |
| 1983 | 42,000       | 39,000       | 1,160         | 452               | 22.80                 | 10,306             |
| 1984 | 52,000       | 50,000       | 1,400         | 700               | 19.20                 | 13,440             |
| 1985 | 68,000       | 62,000       | 1,400         | 868               | 14.80 1/              | 12,846             |

1/ Preliminary. NA = Not Available.



# MINNESOTA CROP ACREAGE, YIELD, PRODUCTION, PRICE, AND VALUE (CONT'D)

| Crop Year | Acreage Planted | Acreage Harvested | Yield Per Harvested Acre | Production | Season Average Price | Farm Value Of Production |
|-----------|-----------------|-------------------|--------------------------|------------|----------------------|--------------------------|
|-----------|-----------------|-------------------|--------------------------|------------|----------------------|--------------------------|

## SWEET CORN FOR PROCESSING

|      | <u>Acres</u> | <u>Acres</u> | <u>Tons 1/</u> | <u>Tons 1/</u> | <u>Dols. Per Ton</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|----------------|----------------|----------------------|--------------------|
| 1981 | 112,800      | 105,200      | 5.45           | 573,340        | 57.30                | 32,852             |
| 1982 | 121,500      | 119,300      | 5.73           | 683,590        | 56.30                | 38,486             |
| 1983 | 111,200      | 108,400      | 4.60           | 498,640        | 52.90                | 26,378             |
| 1984 | 120,100      | 115,000      | 5.82           | 669,300        | 61.40                | 41,095             |
| 1985 | 124,400      | 118,300      | 5.77           | 682,590        | 59.50                | 40,614             |

## GREEN PEAS FOR PROCESSING

|      | <u>Acres</u> | <u>Acres</u> | <u>Tons 2/</u> | <u>Tons 2/</u> | <u>Dols. Per Ton</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|----------------|----------------|----------------------|--------------------|
| 1981 | 66,600       | 56,800       | 1.54           | 87,470         | 230.00               | 20,118             |
| 1982 | 65,100       | 60,800       | 1.60           | 97,280         | 236.00               | 22,958             |
| 1983 | 72,800       | 64,200       | 1.25           | 80,250         | 229.00               | 18,377             |
| 1984 | 78,300       | 74,200       | 1.38           | 102,400        | 243.00               | 24,883             |
| 1985 | 83,900       | 81,500       | 1.58           | 128,770        | 240.00               | 30,905             |

## ONIONS

|      | <u>Acres</u> | <u>Acres</u> | <u>Cwt.</u> | <u>1,000 Cwt. 3/</u> | <u>Dols. Per Cwt.</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|-------------|----------------------|-----------------------|--------------------|
| 1981 | 850          | 750          | 265         | 199                  | 9.64                  | 1,581              |
| 1982 | 1,000        | 800          | 210         | 168                  | 4.89                  | 689                |
| 1983 | 850          | 790          | 200         | 158                  | 13.10                 | 1,703              |
| 1984 | 900          | 650          | 240         | 156                  | 5.95                  | 815                |
| 1985 | 800          | 670          | 290         | 194                  | 4.60 4/               | 754                |

## CARROTS FOR FRESH MARKET & PROCESSING

|      | <u>Acres</u> | <u>Acres</u> | <u>Cwt.</u> | <u>1,000 Cwt.</u> | <u>Dols. Per Cwt.</u> | <u>1,000 Dols.</u> |
|------|--------------|--------------|-------------|-------------------|-----------------------|--------------------|
| 1981 | 1,500        | 1,300        | 320         | 416               | 7.73                  | 3,216              |
| 1982 | 1,800        | 1,500        | 370         | 555               | 7.23                  | 4,013              |
| 1983 | 1,500        | 1,300        | 340         | 442               | 7.02                  | 3,105              |
| 1984 | 1,600        | 1,300        | 330         | 429               | 5.75                  | 2,467              |
| 1985 | 1,500        | 1,200        | 380         | 456               | 6.45 4/               | 2,940              |

## COMMERCIAL APPLES

| Crop Year | Acreage Planted | Acreage Harvested | Utilized Production | Season Average Price | Farm Value Of Utilized Production |
|-----------|-----------------|-------------------|---------------------|----------------------|-----------------------------------|
|           |                 |                   | <u>Mil.Lbs.</u>     | <u>Cents Per Lb.</u> | <u>1,000 Dols.</u>                |
| 1981      | ---             | ---               | 21.0                | 19.3                 | 4,057                             |
| 1982      | ---             | ---               | 24.0                | 19.0                 | 4,559                             |
| 1983      | ---             | ---               | 21.0                | 20.3                 | 4,256                             |
| 1984      | ---             | ---               | 15.0                | 23.5                 | 3,518                             |
| 1985      | ---             | ---               | 21.0                | 22.8 4/              | 4,790                             |

1/ In husk. 2/ Shelled. 3/ Includes some quantities not marketed and excluded in computing value.  
4/ Preliminary.

# MINNESOTA CROP MARKETINGS: PERCENT BY MONTHS

## CORN MARKETINGS

| Crop Marketing Year | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|---------------------|------|------|------|------|------|------|------|-----|------|------|------|-------|
| 1981-1982           | 10   | 16   | 5    | 7    | 6    | 7    | 7    | 7   | 11   | 8    | 8    | 8     |
| 1982-1983           | 4    | 14   | 9    | 7    | 8    | 6    | 6    | 7   | 12   | 9    | 9    | 9     |
| 1983-1984           | 9    | 12   | 8    | 10   | 5    | 10   | 11   | 8   | 8    | 8    | 7    | 4     |
| 1984-1985           | 9    | 15   | 6    | 6    | 7    | 7    | 8    | 8   | 9    | 12   | 7    | 6     |

## SOYBEAN MARKETINGS

| Crop Marketing Year | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. |
|---------------------|-------|------|------|------|------|------|------|------|-----|------|------|------|
| 1981-1982           | 7     | 13   | 8    | 5    | 5    | 5    | 6    | 13   | 12  | 8    | 9    | 9    |
| 1982-1983           | 5     | 9    | 9    | 6    | 7    | 6    | 5    | 7    | 7   | 9    | 16   | 14   |
| 1983-1984           | 11    | 19   | 11   | 7    | 9    | 4    | 7    | 7    | 15  | 4    | 3    | 3    |
| 1984-1985           | 5     | 13   | 10   | 7    | 8    | 6    | 8    | 9    | 7   | 11   | 10   | 6    |

## ALL WHEAT MARKETINGS

| Crop Marketing Year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June |
|---------------------|------|------|-------|------|------|------|------|------|------|------|-----|------|
| 1981-1982           | 8    | 25   | 10    | 8    | 12   | 3    | 4    | 4    | 4    | 10   | 6   | 6    |
| 1982-1983           | 9    | 20   | 8     | 5    | 7    | 5    | 4    | 7    | 11   | 9    | 8   | 7    |
| 1983-1984           | 8    | 20   | 11    | 10   | 7    | 7    | 8    | 5    | 7    | 6    | 7   | 4    |
| 1984-1985           | 7    | 18   | 10    | 6    | 6    | 6    | 5    | 7    | 8    | 10   | 8   | 9    |

## OATS MARKETINGS

| Crop Marketing Year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June |
|---------------------|------|------|-------|------|------|------|------|------|------|------|-----|------|
| 1981-1982           | 15   | 19   | 8     | 6    | 4    | 5    | 4    | 9    | 7    | 10   | 4   | 9    |
| 1982-1983           | 10   | 33   | 9     | 3    | 3    | 6    | 6    | 4    | 5    | 7    | 7   | 7    |
| 1983-1984           | 11   | 22   | 12    | 8    | 4    | 5    | 7    | 4    | 5    | 7    | 6   | 9    |
| 1984-1985           | 16   | 27   | 4     | 3    | 2    | 5    | 3    | 9    | 11   | 6    | 7   | 7    |

## BARLEY MARKETINGS

| Crop Marketing Year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June |
|---------------------|------|------|-------|------|------|------|------|------|------|------|-----|------|
| 1981-1982           | 12   | 21   | 6     | 3    | 7    | 2    | 3    | 11   | 8    | 9    | 6   | 12   |
| 1982-1983           | 14   | 16   | 4     | 5    | 7    | 7    | 4    | 11   | 8    | 6    | 9   | 9    |
| 1983-1984           | 7    | 16   | 15    | 13   | 10   | 8    | 8    | 4    | 4    | 5    | 4   | 6    |
| 1984-1985           | 16   | 8    | 11    | 6    | 6    | 5    | 8    | 8    | 8    | 5    | 8   | 11   |

## FLAX MARKETINGS

| Crop Marketing Year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June |
|---------------------|------|------|-------|------|------|------|------|------|------|------|-----|------|
| 1981-1982           | 0    | 46   | 16    | 9    | 10   | 4    | 2    | 2    | 4    | 5    | 1   | 1    |
| 1982-1983           | 3    | 41   | 17    | 17   | 13   | 2    | 1    | 1    | 1    | 2    | 1   | 1    |
| 1983-1984           | 2    | 42   | 16    | 12   | 11   | 2    | 2    | 2    | 4    | 5    | 1   | 1    |
| 1984-1985           | -    | 9    | 22    | 42   | 4    | 4    | -    | 8    | 1    | 6    | 2   | 2    |

## ALL HAY MARKETINGS

| Crop Marketing Year | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
|---------------------|------|------|------|-------|------|------|------|------|------|------|------|-----|
| 1981-1982           | 11   | 9    | 7    | 10    | 10   | 7    | 9    | 7    | 8    | 12   | 7    | 3   |
| 1982-1983           | 10   | 8    | 11   | 7     | 5    | 6    | 6    | 9    | 13   | 12   | 8    | 5   |
| 1983-1984           | 5    | 9    | 4    | 6     | 4    | 8    | 9    | 14   | 10   | 9    | 14   | 8   |
| 1984-1985           | 4    | 7    | 4    | 5     | 3    | 3    | 12   | 20   | 11   | 10   | 14   | 7   |

# MINNESOTA GRAIN AND HAY STOCKS

| Year             | On Farms   |         |         |                                      | All Storage Positions |         |         |           |
|------------------|------------|---------|---------|--------------------------------------|-----------------------|---------|---------|-----------|
|                  | Jan. 1     | April 1 | June 1  | Oct. 1                               | Jan. 1                | April 1 | June 1  | Oct. 1    |
| 1,000 Bushels    |            |         |         | 1,000 Bushels                        |                       |         |         |           |
| CORN STOCKS      |            |         |         |                                      |                       |         |         |           |
| 1982             | 610,654    | 469,161 | 394,691 | 238,304                              | 745,030               | 590,789 | 482,651 | 332,133   |
| 1983             | 763,880    | 616,980 | 484,770 | 257,075                              | 934,247               | 759,975 | 622,235 | 415,712   |
| 1984             | 440,496    | 304,676 | 190,882 | 66,074                               | 569,529               | 415,053 | 262,113 | 94,003    |
| 1985             | 523,701    | 365,212 | 303,195 | 124,034                              | 613,861               | 441,552 | 357,297 | 196,266   |
| 1986             | 652,050    | 507,150 | ----    | ----                                 | 794,652               | 624,284 | ----    | ----      |
| ALL WHEAT STOCKS |            |         |         |                                      |                       |         |         |           |
| 1982             | 100,818    | 78,414  | 68,612  | 136,954                              | 143,313               | 118,288 | 99,912  | 187,931   |
| 1983             | 112,860    | 92,571  | 71,013  | 110,544                              | 154,142               | 132,240 | 104,418 | 157,508   |
| 1984             | 75,802     | 63,168  | 45,797  | 113,468                              | 116,304               | 94,746  | 75,057  | 183,569   |
| 1985             | 95,362     | 73,634  | 62,770  | 162,366                              | 143,149               | 114,817 | 100,087 | 236,891   |
| 1986             | 150,972    | 125,335 | ----    | ----                                 | 221,155               | 200,767 | ----    | ----      |
| SOYBEAN STOCKS   |            |         |         |                                      |                       |         |         |           |
| 1982             | 97,440     | 73,776  | 52,896  | 19,488 1/                            | 122,797               | 112,288 | 77,180  | 32,603 1/ |
| 1983             | 116,645    | 91,287  | 67,620  | 16,905 1/                            | 164,930               | 136,984 | 104,971 | 44,335 1/ |
| 1984             | 81,972     | 53,130  | 28,842  | 12,144 1/                            | 134,293               | 96,501  | 56,916  | 22,786 1/ |
| 1985             | 103,752    | 74,356  | 60,522  | 27,667 1/                            | 154,413               | 112,071 | 87,804  | 56,926 1/ |
| 1986             | 123,200    | 94,400  | ----    | ----                                 | 196,427               | 156,673 | ----    | ----      |
| OATS STOCKS      |            |         |         |                                      |                       |         |         |           |
| 1982             | 58,559     | 33,333  | 20,721  | 82,253                               | 65,310                | 39,660  | 24,811  | 96,187    |
| 1983             | 62,669     | 44,064  | 31,334  | 76,950                               | 75,542                | 52,975  | 37,642  | 93,893    |
| 1984             | 61,560     | 39,245  | 24,624  | 63,180                               | 75,831                | 47,090  | 29,128  | 76,489    |
| 1985             | 52,260     | 31,200  | 21,840  | 61,600                               | 62,092                | 37,091  | 26,203  | 74,738    |
| 1986             | 47,740     | ----    | ----    | ----                                 | 55,664                | ----    | ----    | ----      |
| BARLEY STOCKS    |            |         |         |                                      |                       |         |         |           |
| 1982             | 40,953     | 28,263  | 19,611  | 52,061                               | 58,683                | 48,183  | 32,338  | 75,292    |
| 1983             | 46,957     | 38,280  | 33,686  | 54,325                               | 67,071                | 57,361  | 50,809  | 80,465    |
| 1984             | 38,679     | 30,422  | 24,772  | 59,280                               | 57,557                | 48,780  | 40,392  | 83,535    |
| 1985             | 51,253     | 41,373  | 38,285  | 88,688                               | 73,904                | 62,882  | 54,615  | 111,964   |
| 1986             | 85,140     | ----    | ----    | ----                                 | 112,246               | ----    | ----    | ----      |
| HAY STOCKS       |            |         |         |                                      |                       |         |         |           |
|                  | Jan. 1     | May 1   |         | OFF-FARM HAY STOCKS<br>NOT ESTIMATED |                       |         |         |           |
|                  | 1,000 Tons |         |         |                                      |                       |         |         |           |
| 1982             | 5,662      | 1,395   |         |                                      |                       |         |         |           |
| 1983             | 5,206      | 1,405   |         |                                      |                       |         |         |           |
| 1984             | 4,906      | 1,497   |         |                                      |                       |         |         |           |
| 1985             | 5,908      | 1,435   |         |                                      |                       |         |         |           |
| 1986             | 4,806      | 1,520   |         |                                      |                       |         |         |           |

1/ September 1 stocks.

**CORN: ACREAGE PLANTED FOR ALL PURPOSES, HARVESTED FOR GRAIN,  
YIELD, AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | * ACREAGE<br>PLANTED * |           | * ACREAGE<br>HARVESTED * |           | * YIELD PER<br>HARVESTED ACRE * |       | * PRODUCTION * |             |
|---------------------------|------------------------|-----------|--------------------------|-----------|---------------------------------|-------|----------------|-------------|
|                           | 1984                   | 1985      | 1984                     | 1985      | 1984                            | 1985  | 1984           | 1985        |
| *****                     |                        |           |                          |           |                                 |       |                |             |
|                           | - ACRES -              |           | - ACRES -                |           | - BUSHELS -                     |       | - BUSHELS -    |             |
| BECKER                    | 28,200                 | 29,100    | 9,200                    | 8,900     | 58.0                            | 59.0  | 533,600        | 525,100     |
| CLAY                      | 43,400                 | 45,800    | 36,000                   | 33,400    | 71.0                            | 75.0  | 2,556,000      | 2,505,000   |
| CLEARWATER                | 7,600                  | 7,200     | 4,600                    | 1,100     | 68.0                            | 55.0  | 312,800        | 60,500      |
| KITTSO                    | 3,200                  | 3,400     | 2,600                    | 100       | 63.0                            | 50.0  | 163,800        | 5,000       |
| MAHOMEN                   | 12,000                 | 14,400    | 9,000                    | 2,500     | 69.0                            | 55.0  | 621,000        | 137,500     |
| MARSHALL                  | 15,900                 | 17,600    | 14,600                   | 7,300     | 52.0                            | 48.0  | 759,200        | 350,400     |
| NORMAN                    | 23,200                 | 26,700    | 14,000                   | 12,200    | 62.0                            | 58.0  | 868,000        | 707,600     |
| PENNINGTON                | 7,600                  | 6,800     | 6,500                    | 1,800     | 54.0                            | 53.0  | 351,000        | 95,400      |
| POLK                      | 43,300                 | 41,200    | 36,400                   | 25,300    | 67.0                            | 62.0  | 2,438,800      | 1,568,600   |
| RED LAKE                  | 18,900                 | 20,000    | 15,300                   | 7,900     | 57.0                            | 45.0  | 872,100        | 355,500     |
| ROSEAU                    | 6,900                  | 5,900     | 3,000                    | 1,200     | 61.0                            | 45.0  | 183,000        | 54,000      |
| <u>NORTHWEST</u>          | 210,200                | 218,100   | 151,200                  | 101,700   | 63.9                            | 62.6  | 9,659,300      | 6,364,600   |
|                           |                        |           |                          |           |                                 |       |                |             |
| BELTRAMI                  | 8,000                  | 7,800     | 3,600                    | 800       | 47.0                            | 48.0  | 169,200        | 38,400      |
| CASS                      | 6,800                  | 5,400     | 2,700                    | 3,600     | 64.0                            | 50.0  | 172,800        | 180,000     |
| HUBBARD                   | 9,500                  | 9,200     | 7,000                    | 7,500     | 88.0                            | 60.0  | 616,000        | 450,000     |
| ITASCA                    | 700                    | 700       | 300                      | 200       | 80.0                            | 60.0  | 24,000         | 12,000      |
| KOOCHICING                | 2,000                  | 1,800     | 500                      | 400       | 70.0                            | 55.0  | 35,000         | 22,000      |
| LAKE OF THE WOODS         | 1,000                  | 1,100     | 1,000                    | 200       | 60.0                            | 44.0  | 60,000         | 8,800       |
| <u>NORTH CENTRAL</u>      | 28,000                 | 26,000    | 15,100                   | 12,700    | 71.3                            | 56.0  | 1,077,000      | 711,200     |
|                           |                        |           |                          |           |                                 |       |                |             |
| ST LOUIS                  | 900                    | 600       | 300                      | 300       | 40.0                            | 64.0  | 12,000         | 19,200      |
| <u>NORTHEAST</u>          | 900                    | 600       | 300                      | 300       | 40.0                            | 64.0  | 12,000         | 19,200      |
|                           |                        |           |                          |           |                                 |       |                |             |
| BIG STONE                 | 50,100                 | 48,000    | 47,200                   | 42,700    | 87.0                            | 100.0 | 4,106,400      | 4,270,000   |
| CHIPPEWA                  | 100,200                | 107,200   | 94,200                   | 100,500   | 97.0                            | 119.0 | 9,137,400      | 11,959,500  |
| DOUGLAS                   | 60,500                 | 56,700    | 42,700                   | 35,300    | 77.0                            | 85.0  | 3,287,900      | 3,000,500   |
| GRANT                     | 36,200                 | 32,700    | 32,300                   | 27,500    | 87.0                            | 86.0  | 2,810,100      | 2,365,000   |
| LAC QUI PARLE             | 104,400                | 97,900    | 97,200                   | 90,500    | 85.0                            | 113.0 | 8,262,000      | 10,226,500  |
| OTTER TAIL                | 174,100                | 167,100   | 113,800                  | 115,000   | 64.0                            | 77.0  | 7,283,200      | 8,855,000   |
| POPE                      | 86,300                 | 73,400    | 77,200                   | 62,900    | 88.0                            | 91.0  | 6,793,600      | 5,723,900   |
| STEVENS                   | 85,300                 | 100,700   | 78,900                   | 90,100    | 105.0                           | 99.0  | 8,284,500      | 8,919,900   |
| SWIFT                     | 135,300                | 135,800   | 131,800                  | 125,300   | 98.0                            | 105.0 | 12,916,400     | 13,156,500  |
| TRAVERSE                  | 33,000                 | 33,300    | 30,800                   | 30,100    | 95.0                            | 101.0 | 2,926,000      | 3,040,100   |
| WILKIN                    | 39,400                 | 46,300    | 37,200                   | 39,400    | 69.0                            | 86.0  | 2,566,800      | 3,388,400   |
| YELLOW MEDICINE           | 160,900                | 153,400   | 145,700                  | 143,700   | 93.0                            | 120.0 | 13,550,100     | 17,244,000  |
| <u>WEST CENTRAL</u>       | 1,065,700              | 1,052,500 | 929,000                  | 903,000   | 88.2                            | 102.0 | 81,924,400     | 92,149,300  |
|                           |                        |           |                          |           |                                 |       |                |             |
| BENTON                    | 69,800                 | 62,500    | 49,200                   | 51,100    | 90.0                            | 97.0  | 4,428,000      | 4,956,700   |
| CARVER                    | 73,600                 | 72,900    | 57,700                   | 56,300    | 116.0                           | 119.0 | 6,693,200      | 6,699,700   |
| KANDIYOHI                 | 145,800                | 146,200   | 135,200                  | 135,900   | 97.0                            | 110.0 | 13,114,400     | 14,949,000  |
| MCLEOD                    | 110,600                | 116,200   | 100,200                  | 103,500   | 112.0                           | 122.0 | 11,222,400     | 12,627,000  |
| MEEKER                    | 116,400                | 118,400   | 102,500                  | 104,400   | 103.0                           | 116.0 | 10,557,500     | 12,110,400  |
| MORRISON                  | 109,300                | 104,100   | 75,100                   | 79,900    | 76.0                            | 94.0  | 5,707,600      | 7,510,600   |
| RENVILLE                  | 203,200                | 203,400   | 198,700                  | 195,100   | 114.0                           | 130.0 | 22,651,800     | 25,363,000  |
| SCOTT                     | 49,600                 | 48,600    | 41,200                   | 42,400    | 117.0                           | 118.0 | 4,820,400      | 5,003,200   |
| SHERBURNE                 | 51,100                 | 41,400    | 45,900                   | 36,200    | 96.0                            | 112.0 | 4,406,400      | 4,054,400   |
| SIBLEY                    | 117,900                | 137,000   | 111,500                  | 128,000   | 124.0                           | 134.0 | 13,826,000     | 17,152,000  |
| STEARNS                   | 226,500                | 226,200   | 152,200                  | 160,300   | 97.0                            | 100.0 | 14,763,400     | 16,030,000  |
| TODD                      | 128,800                | 133,400   | 92,500                   | 83,900    | 83.0                            | 82.0  | 7,677,500      | 6,879,800   |
| WADENA                    | 37,200                 | 36,500    | 21,000                   | 19,600    | 56.0                            | 71.0  | 1,176,000      | 1,391,600   |
| WRIGHT                    | 111,700                | 121,100   | 96,000                   | 104,800   | 97.0                            | 112.0 | 9,312,000      | 11,737,600  |
| <u>CENTRAL</u>            | 1,551,500              | 1,567,900 | 1,278,900                | 1,301,400 | 101.9                           | 112.5 | 130,356,600    | 146,465,000 |

**CORN: ACREAGE PLANTED FOR ALL PURPOSES, HARVESTED FOR GRAIN, YIELD, AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA (CONT'D)**

| DISTRICT<br>AND<br>COUNTY | * ACREAGE<br>* PLANTED |           | * ACREAGE<br>* HARVESTED |           | * YIELD PER<br>* HARVESTED ACRE* |       | * PRODUCTION |             |
|---------------------------|------------------------|-----------|--------------------------|-----------|----------------------------------|-------|--------------|-------------|
|                           | * 1984                 | 1985      | * 1984                   | 1985      | * 1984                           | 1985  | * 1984       | 1985        |
|                           | - ACRES -              |           | - ACRES -                |           | - BUSHELS -                      |       | - BUSHEL -   |             |
| AITKIN                    | 5,200                  | 4,700     | 3,100                    | 1,600     | 53.0                             | 60.0  | 164,300      | 96,000      |
| ANOKA                     | 28,900                 | 35,300    | 26,200                   | 31,100    | 86.0                             | 94.0  | 2,253,200    | 2,923,400   |
| CARLTON                   | 2,000                  | 2,300     | 600                      | 0         | 70.0                             | 0.0   | 42,000       | 0           |
| CHISAGO                   | 48,700                 | 51,200    | 43,600                   | 45,300    | 90.0                             | 95.0  | 3,924,000    | 4,303,500   |
| CROW WING                 | 22,400                 | 18,600    | 12,600                   | 11,900    | 50.0                             | 63.0  | 630,000      | 749,700     |
| HENNEPIN                  | 35,800                 | 36,000    | 31,600                   | 33,200    | 96.0                             | 119.0 | 3,033,600    | 3,950,800   |
| ISANTI                    | 56,700                 | 68,600    | 52,400                   | 60,200    | 89.0                             | 93.0  | 4,663,600    | 5,598,600   |
| KANABEC                   | 33,800                 | 32,500    | 23,800                   | 16,400    | 76.0                             | 90.0  | 1,808,800    | 1,476,000   |
| MILLE LACS                | 35,000                 | 43,400    | 23,900                   | 29,900    | 83.0                             | 89.0  | 1,983,700    | 2,661,100   |
| PINE                      | 33,300                 | 38,300    | 18,900                   | 19,300    | 75.0                             | 79.0  | 1,417,500    | 1,524,700   |
| RAMSEY                    | 1,000                  | 1,100     | 1,000                    | 800       | 105.0                            | 120.0 | 105,000      | 96,000      |
| WASHINGTON                | 45,200                 | 52,100    | 43,600                   | 47,100    | 108.0                            | 118.0 | 4,708,800    | 5,557,800   |
| EAST CENTRAL              | 348,000                | 384,100   | 281,300                  | 296,800   | 87.9                             | 97.5  | 24,734,500   | 28,937,600  |
| COTTONWOOD                | 169,500                | 168,200   | 159,300                  | 155,300   | 119.0                            | 126.0 | 18,956,700   | 19,567,800  |
| JACKSON                   | 210,600                | 212,600   | 197,300                  | 198,600   | 113.0                            | 124.0 | 22,294,900   | 24,626,400  |
| LINCOLN                   | 98,300                 | 97,500    | 84,300                   | 86,000    | 78.0                             | 106.0 | 6,575,400    | 9,116,800   |
| LYON                      | 169,500                | 164,800   | 155,400                  | 151,600   | 95.0                             | 115.0 | 14,763,000   | 17,434,000  |
| MURRAY                    | 158,100                | 149,200   | 145,600                  | 136,800   | 92.0                             | 114.0 | 13,395,200   | 15,595,200  |
| NOBLES                    | 175,200                | 171,000   | 164,000                  | 158,400   | 99.0                             | 112.0 | 16,236,000   | 17,740,800  |
| PIPESTONE                 | 109,700                | 107,200   | 96,400                   | 89,900    | 84.0                             | 105.0 | 8,097,500    | 9,439,500   |
| REDWOOD                   | 206,500                | 200,100   | 194,900                  | 188,900   | 112.0                            | 128.0 | 21,828,800   | 24,179,200  |
| ROCK                      | 126,800                | 122,900   | 119,500                  | 110,900   | 105.0                            | 110.0 | 12,547,500   | 12,199,000  |
| SOUTHWEST                 | 1,424,200              | 1,393,500 | 1,316,700                | 1,276,400 | 102.3                            | 117.4 | 134,695,100  | 149,898,700 |
| BLUE EARTH                | 178,200                | 184,400   | 171,900                  | 174,700   | 129.0                            | 133.0 | 22,175,100   | 23,235,100  |
| BROWN                     | 134,200                | 126,200   | 127,100                  | 114,700   | 122.0                            | 133.0 | 15,506,200   | 15,255,100  |
| FARIBAULT                 | 185,100                | 195,400   | 181,800                  | 185,100   | 130.0                            | 140.0 | 23,634,000   | 25,914,000  |
| FREEBORN                  | 201,300                | 209,700   | 196,000                  | 198,600   | 122.0                            | 125.0 | 23,912,000   | 24,825,000  |
| LESUEUR                   | 86,000                 | 81,700    | 81,000                   | 74,700    | 124.0                            | 128.0 | 10,044,000   | 9,561,600   |
| MARTIN                    | 187,700                | 183,900   | 182,200                  | 173,000   | 127.0                            | 141.0 | 23,139,400   | 24,393,000  |
| NICOLLET                  | 91,900                 | 97,400    | 86,100                   | 90,200    | 137.0                            | 137.0 | 11,795,700   | 12,357,400  |
| RICE                      | 111,800                | 116,300   | 100,500                  | 104,600   | 120.0                            | 111.0 | 12,060,000   | 11,610,600  |
| STEELE                    | 125,400                | 133,200   | 119,300                  | 122,000   | 115.0                            | 116.0 | 13,719,500   | 14,152,000  |
| WASECA                    | 132,600                | 129,000   | 128,900                  | 120,900   | 127.0                            | 129.0 | 16,370,300   | 15,596,100  |
| WATONWAN                  | 113,300                | 109,700   | 110,800                  | 103,500   | 135.0                            | 138.0 | 14,958,000   | 14,283,000  |
| SOUTH CENTRAL             | 1,547,500              | 1,566,900 | 1,485,600                | 1,462,000 | 126.1                            | 130.8 | 187,314,200  | 191,182,900 |
| DAKOTA                    | 101,100                | 101,200   | 92,200                   | 88,400    | 124.0                            | 112.0 | 11,432,800   | 9,900,800   |
| LODGE                     | 105,400                | 113,000   | 97,100                   | 103,000   | 117.0                            | 117.0 | 11,360,700   | 12,051,000  |
| FILLMORE                  | 189,200                | 193,400   | 178,600                  | 173,100   | 116.0                            | 107.0 | 20,717,600   | 18,521,700  |
| GOODHUE                   | 126,400                | 130,900   | 112,100                  | 112,100   | 123.0                            | 114.0 | 13,788,300   | 12,779,400  |
| HOUSTON                   | 64,800                 | 66,700    | 54,700                   | 50,400    | 128.0                            | 123.0 | 7,001,600    | 6,199,200   |
| MOWER                     | 188,000                | 192,400   | 179,500                  | 175,600   | 117.0                            | 117.0 | 21,001,500   | 20,545,200  |
| OLMSTED                   | 135,800                | 132,100   | 123,500                  | 107,800   | 120.0                            | 113.0 | 14,820,000   | 12,181,400  |
| WABASHA                   | 78,600                 | 76,800    | 69,200                   | 65,000    | 132.0                            | 119.0 | 9,134,400    | 7,735,000   |
| WINONA                    | 84,700                 | 83,900    | 75,000                   | 70,300    | 134.0                            | 126.0 | 10,050,000   | 8,857,800   |
| SOUTHEAST                 | 1,074,000              | 1,090,400 | 981,900                  | 945,700   | 121.5                            | 115.0 | 119,306,900  | 108,771,500 |
| MINNESOTA                 | 7,250,000              | 7,300,000 | 6,440,000                | 6,300,000 | 107.0                            | 115.0 | 689,080,000  | 724,500,000 |

**CORN FOR SILAGE: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS & COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>HARVESTED |         | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |           |
|---------------------------|----------------------|---------|-----------------------------|------|------------|-----------|
|                           | 1984                 | 1985    | 1984                        | 1985 | 1984       | 1985      |
|                           | - ACRES -            |         | - TONS -                    |      | - TONS -   |           |
| BECKER                    | 18,300               | 17,500  | 7.8                         | 7.4  | 143,000    | 130,000   |
| CLAY                      | 7,200                | 8,200   | 8.5                         | 9.0  | 61,500     | 73,900    |
| CLEARWATER                | 2,500                | 4,000   | 5.8                         | 5.7  | 14,500     | 22,600    |
| MAHNOTEN                  | 2,900                | 5,800   | 10.3                        | 9.3  | 30,000     | 53,700    |
| MARSHALL                  | 1,000                | 2,100   | 12.1                        | 11.3 | 12,100     | 23,700    |
| NORMAN                    | 9,000                | 10,400  | 9.5                         | 8.6  | 85,400     | 89,900    |
| POLK                      | 6,000                | 7,700   | 8.5                         | 10.1 | 50,700     | 77,700    |
| RED LAKE                  | 3,400                | 4,500   | 6.9                         | 9.5  | 23,300     | 42,600    |
| ROSEAU                    | 3,700                | 3,100   | 9.2                         | 6.6  | 34,100     | 20,400    |
| OTHER COUNTIES            | 900                  | 1,400   | 8.7                         | 8.1  | 7,800      | 11,400    |
| <u>NORTHWEST</u>          | 54,900               | 64,700  | 8.4                         | 8.4  | 462,400    | 545,900   |
|                           |                      |         |                             |      |            |           |
| BELTRAMI                  | 2,200                | 4,500   | 8.7                         | 6.8  | 19,100     | 30,800    |
| CASS                      | 3,800                | 1,300   | 6.2                         | 7.9  | 23,400     | 10,300    |
| HUBBARD                   | 2,400                | 1,300   | 5.3                         | 8.5  | 12,700     | 11,000    |
| OTHER COUNTIES            | 1,800                | 1,600   | 8.8                         | 6.8  | 15,800     | 10,900    |
| <u>NORTH CENTRAL</u>      | 10,200               | 8,700   | 7.0                         | 7.2  | 71,000     | 63,000    |
|                           |                      |         |                             |      |            |           |
| ST LOUIS                  | 600                  | 300     | 12.0                        | 9.3  | 7,200      | 2,800     |
| <u>NORTHEAST</u>          | 600                  | 300     | 12.0                        | 9.3  | 7,200      | 2,800     |
|                           |                      |         |                             |      |            |           |
| BIG STONE                 | 2,700                | 4,400   | 10.0                        | 10.5 | 27,000     | 46,000    |
| CHIPPENWA                 | 3,800                | 4,900   | 8.0                         | 12.8 | 30,400     | 62,700    |
| DOUGLAS                   | 16,900               | 17,000  | 10.1                        | 10.3 | 170,300    | 174,400   |
| GRANT                     | 3,600                | 4,000   | 13.1                        | 9.6  | 47,300     | 38,400    |
| LAC QUI PARLE             | 4,500                | 4,900   | 11.4                        | 14.4 | 51,200     | 70,800    |
| OTTER TAIL                | 53,000               | 44,000  | 8.0                         | 9.0  | 424,800    | 396,900   |
| POPE                      | 8,000                | 8,400   | 11.9                        | 12.0 | 95,400     | 101,000   |
| STEVENS                   | 5,700                | 8,000   | 15.3                        | 10.5 | 87,000     | 84,100    |
| SWIFT                     | 2,600                | 5,200   | 15.3                        | 11.8 | 39,800     | 61,400    |
| TRAVERSE                  | 2,100                | 2,300   | 19.1                        | 16.5 | 40,100     | 38,000    |
| WILKIN                    | 2,000                | 3,900   | 11.6                        | 11.5 | 23,100     | 44,700    |
| YELLOW MEDICINE           | 6,400                | 6,900   | 11.8                        | 11.0 | 75,500     | 75,900    |
| <u>WEST CENTRAL</u>       | 111,300              | 113,900 | 10.0                        | 10.5 | 1,111,900  | 1,194,300 |
|                           |                      |         |                             |      |            |           |
| BENTON                    | 19,100               | 9,600   | 10.2                        | 12.7 | 195,700    | 121,900   |
| CARVER                    | 15,600               | 14,200  | 15.2                        | 13.4 | 237,200    | 190,000   |
| KANDIYOH                  | 7,400                | 6,900   | 15.9                        | 12.7 | 117,500    | 87,800    |
| MCLEOD                    | 7,500                | 9,300   | 16.7                        | 17.0 | 125,000    | 158,000   |
| MEEKER                    | 11,200               | 11,600  | 12.1                        | 11.2 | 135,600    | 130,300   |
| MORRISON                  | 32,100               | 21,200  | 9.5                         | 11.9 | 306,100    | 252,700   |
| RENNVILLE                 | 3,000                | 4,700   | 16.0                        | 17.0 | 48,000     | 79,900    |
| SCOTT                     | 7,500                | 5,200   | 16.5                        | 15.0 | 123,600    | 78,200    |
| SHERBURNE                 | 5,000                | 4,200   | 13.9                        | 12.4 | 69,400     | 52,200    |
| SIBLEY                    | 5,700                | 6,100   | 15.8                        | 17.1 | 89,800     | 104,600   |
| STEARNS                   | 70,300               | 60,500  | 12.4                        | 13.0 | 873,200    | 785,700   |
| TODD                      | 34,300               | 41,500  | 9.4                         | 9.3  | 324,000    | 385,400   |
| WADENA                    | 14,100               | 14,100  | 5.7                         | 6.6  | 80,200     | 93,000    |
| WRIGHT                    | 13,700               | 13,800  | 12.0                        | 13.9 | 165,000    | 191,400   |
| <u>CENTRAL</u>            | 246,500              | 222,900 | 11.7                        | 12.2 | 2,890,300  | 2,711,100 |

**CORN FOR SILAGE: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS & COUNTIES, MINNESOTA (CONT'D)**

| *****          |   |           |         |      |                |           |
|----------------|---|-----------|---------|------|----------------|-----------|
| DISTRICT       | * | ACREAGE   |         | *    | YIELD PER      |           |
| AND            | * | HARVESTED |         | *    | HARVESTED ACRE |           |
| COUNTY         | * | 1984      | 1985    | *    | 1984           | 1985      |
| *****          |   |           |         |      |                |           |
|                |   | - ACRES - |         |      | - TONS -       |           |
|                |   | 1984      | 1985    |      | 1984           | 1985      |
| AITKIN         |   | 1,900     | 1,900   | 11.7 | 8.2            | 22,200    |
| ANOKA          |   | 2,300     | 3,200   | 9.5  | 6.9            | 21,800    |
| CARLTON        |   | 1,000     | 1,900   | 13.9 | 11.0           | 13,900    |
| CHISAGO        |   | 4,700     | 4,600   | 10.5 | 15.8           | 49,500    |
| CROW WING      |   | 5,100     | 3,400   | 6.8  | 7.9            | 34,800    |
| HENNEPIN       |   | 3,900     | 1,800   | 12.4 | 14.5           | 48,400    |
| ISANTI         |   | 3,500     | 4,300   | 9.5  | 14.2           | 33,200    |
| KANABEC        |   | 9,100     | 14,700  | 8.9  | 10.0           | 81,300    |
| MILLE LACS     |   | 9,800     | 11,000  | 10.6 | 11.7           | 103,800   |
| PINE           |   | 12,700    | 16,700  | 8.8  | 9.8            | 112,300   |
| OTHER COUNTIES |   | 1,300     | 1,900   | 16.5 | 12.0           | 21,500    |
| EAST CENTRAL   |   | 55,300    | 65,400  | 9.8  | 10.8           | 542,700   |
| COTTONWOOD     |   | 8,500     | 10,400  | 15.7 | 17.6           | 133,500   |
| JACKSON        |   | 5,700     | 8,500   | 14.9 | 17.2           | 85,100    |
| LINCOLN        |   | 11,400    | 9,600   | 8.9  | 14.1           | 101,500   |
| LYON           |   | 10,800    | 9,000   | 9.8  | 12.9           | 106,000   |
| MURRAY         |   | 9,800     | 8,600   | 17.3 | 17.2           | 169,800   |
| NOBLES         |   | 9,800     | 8,200   | 14.5 | 14.8           | 142,300   |
| PIPESTONE      |   | 12,500    | 9,600   | 8.4  | 11.2           | 105,100   |
| REDWOOD        |   | 8,800     | 8,000   | 12.6 | 16.6           | 111,000   |
| ROCK           |   | 7,000     | 9,700   | 18.2 | 17.6           | 127,700   |
| SOUTHWEST      |   | 84,300    | 81,600  | 12.8 | 15.4           | 1,082,000 |
| BLUE EARTH     |   | 5,400     | 6,900   | 11.7 | 11.4           | 63,200    |
| BROWN          |   | 5,900     | 9,000   | 19.1 | 17.3           | 112,700   |
| FARIBAULT      |   | 1,800     | 7,300   | 13.1 | 18.0           | 23,600    |
| FREEBORN       |   | 4,600     | 7,700   | 13.9 | 16.1           | 63,800    |
| LESUEUR        |   | 4,400     | 5,700   | 16.4 | 13.8           | 72,000    |
| MARTIN         |   | 5,100     | 6,200   | 12.2 | 16.6           | 62,400    |
| NICOLLET       |   | 4,600     | 5,400   | 17.6 | 15.6           | 81,000    |
| RICE           |   | 10,600    | 9,900   | 15.7 | 12.8           | 166,200   |
| STEELE         |   | 5,800     | 9,200   | 15.6 | 15.0           | 90,300    |
| WASECA         |   | 3,000     | 5,600   | 16.0 | 17.0           | 47,900    |
| WATONWAN       |   | 2,200     | 4,500   | 14.7 | 19.8           | 32,400    |
| SOUTH CENTRAL  |   | 53,400    | 77,400  | 15.3 | 15.6           | 815,500   |
| DAKOTA         |   | 8,400     | 8,400   | 17.5 | 15.1           | 147,200   |
| DODGE          |   | 7,100     | 6,600   | 19.5 | 15.4           | 138,600   |
| FILLMORE       |   | 9,400     | 16,600  | 17.1 | 14.4           | 160,400   |
| GOODHUE        |   | 13,600    | 16,600  | 18.0 | 14.0           | 245,000   |
| HOUSTON        |   | 9,800     | 15,100  | 15.5 | 16.0           | 151,900   |
| MOWER          |   | 6,300     | 10,600  | 14.9 | 17.3           | 93,800    |
| OLMSTED        |   | 10,700    | 19,000  | 15.0 | 12.2           | 160,900   |
| WABASHA        |   | 8,700     | 10,500  | 17.8 | 13.9           | 154,900   |
| WINONA         |   | 9,500     | 11,700  | 17.3 | 15.6           | 164,300   |
| SOUTHEAST      |   | 83,500    | 115,100 | 17.0 | 14.6           | 1,417,000 |
| MINNESOTA      |   | 700,000   | 750,000 | 12.0 | 12.5           | 8,400,000 |
|                |   |           |         |      |                | 9,375,000 |

**SOYBEANS: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS & COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |           | ACREAGE<br>HARVESTED |           | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |            |
|---------------------------|--------------------|-----------|----------------------|-----------|-----------------------------|------|------------|------------|
|                           | 1984               | 1985      | 1984                 | 1985      | 1984                        | 1985 | 1984       | 1985       |
| *****                     |                    |           |                      |           |                             |      |            |            |
|                           | - ACRES -          |           | - ACRES -            |           | - BUSHEL -                  |      | - BUSHEL - |            |
| BECKER                    | 40,700             | 41,900    | 40,500               | 39,100    | 25.0                        | 15.0 | 1,012,500  | 586,500    |
| CLAY                      | 102,800            | 83,100    | 102,600              | 81,200    | 23.0                        | 23.0 | 2,359,800  | 1,867,600  |
| CLEARWATER                | 600                | 500       | 500                  | 400       | 25.0                        | 19.0 | 12,500     | 7,600      |
| KITTSO                    | 3,900              | 3,100     | 3,800                | 2,500     | 22.0                        | 16.0 | 83,600     | 40,000     |
| MAHOMEN                   | 11,000             | 13,500    | 10,900               | 11,100    | 25.0                        | 10.0 | 272,500    | 111,000    |
| MARSHALL                  | 44,900             | 33,200    | 44,600               | 31,500    | 24.0                        | 20.0 | 1,070,400  | 630,000    |
| NORMAN                    | 49,500             | 48,300    | 49,400               | 47,100    | 24.0                        | 18.0 | 1,185,600  | 847,800    |
| PENNINGTON                | 8,700              | 3,100     | 8,600                | 2,900     | 19.0                        | 19.0 | 163,400    | 55,100     |
| POLK                      | 50,400             | 40,100    | 50,100               | 36,100    | 25.0                        | 21.0 | 1,252,500  | 758,100    |
| RED LAKE                  | 9,100              | 4,800     | 8,900                | 4,600     | 23.0                        | 11.0 | 204,700    | 50,600     |
| ROSEAU                    | 1,600              | 1,300     | 1,600                | 1,300     | 24.0                        | 9.0  | 38,400     | 11,700     |
| <u>NORTHWEST</u>          | 323,200            | 272,900   | 321,500              | 257,800   | 23.8                        | 19.0 | 7,655,900  | 4,966,000  |
| <u>NORTH CENTRAL</u>      | 1,000              | 800       | 900                  | 700       | 21.0                        | 13.0 | 18,900     | 9,400      |
| BIG STONE                 | 68,400             | 67,500    | 67,800               | 66,800    | 30.0                        | 31.0 | 2,034,000  | 2,070,800  |
| CHIPPEWA                  | 115,100            | 105,300   | 113,000              | 104,200   | 31.0                        | 34.0 | 3,503,000  | 3,542,800  |
| DOUGLAS                   | 34,200             | 28,300    | 33,400               | 27,900    | 29.0                        | 26.0 | 968,600    | 725,400    |
| GRANT                     | 93,400             | 88,400    | 92,000               | 86,600    | 29.0                        | 23.0 | 2,668,000  | 1,991,800  |
| LAC QUI PARLE             | 131,000            | 121,100   | 128,400              | 118,600   | 28.0                        | 31.0 | 3,595,200  | 3,676,600  |
| OTTER TAIL                | 67,200             | 46,800    | 66,100               | 45,900    | 24.0                        | 27.0 | 1,586,400  | 1,239,300  |
| POPE                      | 46,700             | 38,200    | 46,300               | 37,800    | 28.0                        | 27.0 | 1,296,400  | 1,020,600  |
| STEVENS                   | 88,900             | 90,100    | 88,400               | 87,200    | 34.0                        | 29.0 | 3,005,600  | 2,528,800  |
| SWIFT                     | 121,900            | 103,700   | 120,400              | 102,200   | 33.0                        | 29.0 | 3,973,200  | 2,963,800  |
| TRAVERSE                  | 99,100             | 87,700    | 98,400               | 86,500    | 31.0                        | 33.0 | 3,050,400  | 2,854,500  |
| WILKIN                    | 102,800            | 84,300    | 101,300              | 82,600    | 25.0                        | 29.0 | 2,532,500  | 2,395,400  |
| YELLOW MEDICINE           | 169,800            | 163,800   | 164,500              | 161,700   | 32.0                        | 35.0 | 5,264,000  | 5,659,500  |
| <u>WEST CENTRAL</u>       | 1,138,500          | 1,025,200 | 1,120,000            | 1,008,000 | 29.9                        | 30.0 | 33,477,300 | 30,669,300 |
| BENTON                    | 5,800              | 5,600     | 5,700                | 5,400     | 22.0                        | 29.0 | 125,400    | 156,600    |
| CARVER                    | 25,500             | 27,400    | 25,300               | 26,700    | 38.0                        | 32.0 | 961,400    | 854,400    |
| KANDIYOH                  | 106,000            | 102,500   | 103,500              | 101,300   | 31.0                        | 30.0 | 3,208,500  | 3,039,000  |
| MCLEOD                    | 83,800             | 82,500    | 80,800               | 80,300    | 37.0                        | 33.0 | 2,989,600  | 2,649,900  |
| MEEKER                    | 79,700             | 83,500    | 75,300               | 82,100    | 30.0                        | 29.0 | 2,259,000  | 2,380,900  |
| MORRISON                  | 6,000              | 4,200     | 5,900                | 4,100     | 25.0                        | 29.0 | 147,500    | 118,900    |
| RENVILLE                  | 258,800            | 241,400   | 255,500              | 238,700   | 38.0                        | 35.0 | 9,709,000  | 8,354,500  |
| SCOTT                     | 29,600             | 34,800    | 28,400               | 34,000    | 33.0                        | 32.0 | 937,200    | 1,088,000  |
| SHERBURNE                 | 14,800             | 13,300    | 14,700               | 13,000    | 30.0                        | 34.0 | 441,000    | 442,000    |
| SIBLEY                    | 116,700            | 121,700   | 115,400              | 120,500   | 38.0                        | 36.0 | 4,385,200  | 4,338,000  |
| STEARNS                   | 40,300             | 27,500    | 40,000               | 26,700    | 28.0                        | 30.0 | 1,120,000  | 801,000    |
| TODD                      | 8,300              | 7,600     | 7,900                | 6,900     | 29.0                        | 19.0 | 229,100    | 131,100    |
| WADENA                    | 2,100              | 2,000     | 2,100                | 1,900     | 23.0                        | 20.0 | 48,300     | 38,000     |
| WRIGHT                    | 44,400             | 50,200    | 43,600               | 49,200    | 31.0                        | 33.0 | 1,351,600  | 1,623,600  |
| <u>CENTRAL</u>            | 821,800            | 804,200   | 804,100              | 790,800   | 34.7                        | 33.0 | 27,912,800 | 26,015,900 |

**SOYBEANS: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS & COUNTIES, MINNESOTA (CONT'D)**

| *DISTRICT     | *ACREAGE  | *ACREAGE   | *YIELD PER          | *PRODUCTION                       |
|---------------|-----------|------------|---------------------|-----------------------------------|
| *AND          | *PLANTED  | *HARVESTED | *HARVESTED ACRE     |                                   |
| *COUNTY       | *1984     | *1985      | *1984 1985          | 1984 1985                         |
| *****         |           |            |                     |                                   |
|               | - ACRES - | - ACRES -  | - BUSHELS -         | - BUSHELS -                       |
| ANOKA         | 8,300     | 9,500      | 8,100 9,100         | 25.0 23.0 202,500 209,300         |
| CHISAGO       | 16,500    | 19,900     | 16,300 19,600       | 24.0 25.0 391,200 490,000         |
| CROW WING     | 4,600     | 0          | 4,500 0             | 22.0 0.0 99,000 0                 |
| HENNEPIN      | 13,800    | 13,100     | 13,700 13,000       | 28.0 32.0 383,600 416,000         |
| ISANTI        | 11,700    | 13,400     | 11,500 13,000       | 22.0 24.0 253,000 312,000         |
| KANABEC       | 1,200     | 1,200      | 1,100 1,100         | 18.0 23.0 19,800 25,300           |
| MILLE LACS    | 4,600     | 3,300      | 4,500 3,200         | 25.0 27.0 112,500 86,400          |
| PINE          | 3,000     | 3,000      | 2,900 2,900         | 25.0 25.0 72,500 72,500           |
| RAMSEY        | 1,500     | 2,000      | 1,400 1,900         | 31.0 31.0 43,400 58,900           |
| WASHINGTON    | 22,600    | 20,300     | 22,400 20,100       | 34.0 31.0 761,600 623,100         |
| EAST CENTRAL  | 87,800    | 85,700     | 86,400 83,900       | 27.1 27.0 2,339,100 2,293,500     |
| *****         |           |            |                     |                                   |
| COTTONWOOD    | 149,400   | 161,800    | 149,000 158,400     | 37.0 33.0 5,513,000 5,227,200     |
| JACKSON       | 186,500   | 179,500    | 184,300 177,700     | 34.0 34.0 6,266,200 6,041,800     |
| LINCOLN       | 79,000    | 85,200     | 78,200 83,200       | 26.0 28.0 2,033,200 2,329,600     |
| LYON          | 137,100   | 137,200    | 135,300 134,300     | 32.0 36.0 4,329,600 4,834,800     |
| MURRAY        | 149,400   | 153,400    | 147,900 148,400     | 32.0 32.0 4,710,400 4,748,800     |
| NOBLES        | 164,200   | 169,400    | 162,500 166,900     | 32.0 29.0 5,200,000 4,840,100     |
| PIPESTONE     | 74,100    | 67,100     | 73,400 66,200       | 28.0 30.0 2,055,200 1,985,000     |
| REDWOOD       | 205,000   | 226,600    | 203,200 223,900     | 37.0 35.0 7,518,400 7,836,500     |
| ROCK          | 90,100    | 82,800     | 89,400 82,000       | 35.0 34.0 3,129,000 2,788,000     |
| SOUTHWEST     | 1,234,800 | 1,263,000  | 1,222,500 1,241,000 | 33.3 33.0 40,755,000 40,631,800   |
| *****         |           |            |                     |                                   |
| BLUE EARTH    | 181,900   | 179,800    | 181,400 172,200     | 38.0 37.0 6,893,200 6,371,400     |
| BROWN         | 116,300   | 121,700    | 114,400 120,200     | 37.0 37.0 4,232,800 4,447,400     |
| FARIBAULT     | 169,500   | 150,000    | 168,600 148,600     | 36.0 36.0 6,069,600 5,349,600     |
| FREEBORN      | 124,900   | 121,900    | 124,800 120,300     | 35.0 34.0 4,368,000 4,090,200     |
| LESUEUR       | 76,700    | 79,700     | 76,300 78,900       | 38.0 37.0 2,899,400 2,919,300     |
| MARTIN        | 183,100   | 188,000    | 182,800 186,300     | 38.0 36.0 6,946,400 6,706,800     |
| NICOLLET      | 90,300    | 88,300     | 88,900 86,500       | 40.0 38.0 3,556,000 3,287,000     |
| RICE          | 48,300    | 47,200     | 48,200 46,200       | 36.0 30.0 1,735,200 1,386,000     |
| STEELE        | 76,700    | 74,500     | 76,600 73,700       | 34.0 32.0 2,604,400 2,358,400     |
| WASECA        | 71,800    | 71,100     | 71,600 70,300       | 37.0 36.0 2,649,200 2,530,800     |
| WATONWAN      | 97,700    | 94,800     | 97,400 93,800       | 40.0 39.0 3,896,000 3,658,200     |
| SOUTH CENTRAL | 1,237,200 | 1,217,000  | 1,231,000 1,197,000 | 37.2 36.0 45,850,200 43,105,100   |
| *****         |           |            |                     |                                   |
| DAKOTA        | 63,800    | 66,200     | 63,500 65,200       | 36.0 31.0 2,286,000 2,021,200     |
| DODGE         | 64,700    | 64,400     | 64,400 62,600       | 33.0 29.0 2,125,200 1,815,400     |
| FILLMORE      | 46,500    | 45,600     | 46,200 44,900       | 31.0 27.0 1,432,200 1,212,300     |
| GOODHUE       | 51,500    | 47,300     | 51,200 46,100       | 34.0 30.0 1,740,800 1,383,000     |
| HOUSTON       | 3,600     | 4,000      | 3,500 3,700         | 31.0 37.0 108,500 136,900         |
| MOWER         | 160,400   | 140,700    | 160,100 137,000     | 31.0 29.0 4,963,100 3,973,000     |
| OLMSTED       | 44,200    | 38,300     | 44,000 37,300       | 33.0 27.0 1,452,000 1,007,100     |
| WABASHA       | 12,800    | 16,500     | 12,600 16,100       | 38.0 32.0 479,000 515,200         |
| WINONA        | 8,200     | 8,200      | 8,100 7,900         | 40.0 31.0 324,000 244,900         |
| SOUTHEAST     | 455,700   | 431,200    | 453,600 420,800     | 32.9 29.0 14,910,800 12,309,000   |
| *****         |           |            |                     |                                   |
| MINNESOTA     | 5,300,000 | 5,100,000  | 5,240,000 5,000,000 | 33.0 32.0 172,920,000 160,000,000 |

**ALL WHEAT: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS & COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |           | ACREAGE<br>HARVESTED |           | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |            |
|---------------------------|--------------------|-----------|----------------------|-----------|-----------------------------|------|------------|------------|
|                           | 1984               | 1985      | 1984                 | 1985      | 1984                        | 1985 | 1984       | 1985       |
|                           | -ACRES-            |           | -ACRES-              |           | - BUSHEL -                  |      | - BUSHEL - |            |
| BECKER                    | 67,000             | 64,000    | 63,500               | 57,600    | 51.3                        | 45.7 | 3,255,200  | 2,632,700  |
| CLAY                      | 156,600            | 143,400   | 147,200              | 138,900   | 52.3                        | 54.2 | 7,692,500  | 7,525,700  |
| CLEARWATER                | 22,000             | 25,900    | 21,600               | 24,000    | 39.5                        | 31.0 | 852,700    | 743,200    |
| KITTSO                    | 208,600            | 220,400   | 205,500              | 206,200   | 52.8                        | 56.6 | 10,858,500 | 11,679,200 |
| MAHNOMEN                  | 43,100             | 36,800    | 40,500               | 34,400    | 53.7                        | 43.7 | 2,174,200  | 1,501,600  |
| MARSHALL                  | 285,600            | 293,600   | 277,100              | 270,600   | 52.0                        | 60.4 | 14,413,700 | 16,352,900 |
| NORMAN                    | 174,900            | 191,200   | 170,200              | 185,300   | 51.5                        | 56.9 | 8,766,600  | 10,544,900 |
| PENNINGTON                | 71,300             | 81,200    | 67,700               | 79,500    | 35.2                        | 48.3 | 2,383,300  | 3,839,900  |
| POLK                      | 324,100            | 335,500   | 317,900              | 328,600   | 51.4                        | 58.8 | 16,352,600 | 19,337,700 |
| RED LAKE                  | 54,800             | 62,200    | 53,600               | 58,800    | 41.2                        | 50.2 | 2,207,600  | 2,949,400  |
| ROSEAU                    | 159,800            | 183,300   | 157,200              | 147,500   | 48.2                        | 42.9 | 7,583,900  | 6,320,900  |
| <u>NORTHWEST</u>          | 1,567,800          | 1,637,500 | 1,522,000            | 1,531,400 | 50.3                        | 54.5 | 76,540,800 | 83,428,100 |
| BELTRAMI                  | 8,100              | 7,300     | 7,000                | 5,700     | 30.0                        | 25.6 | 210,000    | 145,800    |
| CASS                      | 600                | 800       | 600                  | 700       | 30.0                        | 27.7 | 18,000     | 19,400     |
| HUBBARD                   | 1,100              | 1,200     | 1,100                | 1,000     | 31.4                        | 38.2 | 34,500     | 38,200     |
| ITASCA                    | 600                | 700       | 500                  | 700       | 29.2                        | 27.1 | 14,600     | 19,000     |
| KOOCHICING                | 2,600              | 2,100     | 2,500                | 1,300     | 33.6                        | 30.8 | 83,900     | 40,100     |
| LAKE OF THE WOODS         | 13,200             | 12,700    | 13,100               | 9,400     | 41.5                        | 37.0 | 543,000    | 348,200    |
| <u>NORTH CENTRAL</u>      | 26,200             | 24,800    | 24,800               | 18,800    | 36.5                        | 32.5 | 904,000    | 610,700    |
| ST LOUIS                  | 500                | 600       | 500                  | 600       | 30.0                        | 33.0 | 15,000     | 19,800     |
| <u>NORTHEAST</u>          | 500                | 600       | 500                  | 600       | 30.0                        | 33.0 | 15,000     | 19,800     |
| BIG STONE                 | 57,900             | 57,800    | 57,400               | 57,500    | 42.4                        | 52.7 | 2,434,900  | 3,027,500  |
| CHIPPewa                  | 57,900             | 71,400    | 57,300               | 70,700    | 45.5                        | 56.5 | 2,606,400  | 3,994,700  |
| DOUGLAS                   | 18,300             | 18,800    | 17,800               | 18,300    | 35.4                        | 44.0 | 629,800    | 804,900    |
| GRANT                     | 82,300             | 87,300    | 80,100               | 84,900    | 42.2                        | 50.4 | 3,383,100  | 4,275,900  |
| LAC QUI PARLE             | 75,900             | 98,700    | 73,800               | 95,800    | 44.9                        | 54.6 | 3,315,900  | 5,230,000  |
| OTTER TAIL                | 82,900             | 104,400   | 81,500               | 96,300    | 41.4                        | 51.3 | 3,374,000  | 4,944,200  |
| POPE                      | 26,100             | 28,000    | 26,000               | 27,600    | 44.7                        | 47.6 | 1,162,400  | 1,313,100  |
| STEVENS                   | 53,800             | 60,600    | 53,400               | 59,200    | 44.9                        | 51.9 | 2,395,900  | 3,069,600  |
| SWIFT                     | 51,700             | 55,200    | 51,600               | 53,500    | 44.8                        | 46.7 | 2,313,400  | 2,496,500  |
| TRAVERSE                  | 93,600             | 115,800   | 91,100               | 114,900   | 42.2                        | 52.2 | 3,840,100  | 6,001,800  |
| WILKIN                    | 123,000            | 115,700   | 121,000              | 112,700   | 45.5                        | 56.0 | 5,499,900  | 6,311,600  |
| YELLOW MEDICINE           | 42,600             | 56,600    | 40,100               | 54,100    | 44.1                        | 57.5 | 1,768,800  | 3,111,700  |
| <u>WEST CENTRAL</u>       | 766,000            | 870,300   | 751,100              | 845,500   | 43.6                        | 52.7 | 32,724,600 | 44,581,500 |
| BENTON                    | 1,400              | 1,200     | 1,200                | 1,100     | 26.3                        | 32.9 | 31,600     | 36,200     |
| CARVER                    | 7,100              | 7,300     | 6,200                | 7,000     | 41.4                        | 45.3 | 256,400    | 317,100    |
| KANDIYOHI                 | 21,400             | 23,900    | 20,700               | 22,600    | 43.3                        | 46.7 | 896,300    | 1,056,500  |
| MCLEOD                    | 15,400             | 17,900    | 14,000               | 17,100    | 42.9                        | 49.1 | 601,200    | 839,300    |
| MEEKER                    | 8,700              | 8,900     | 7,600                | 8,400     | 43.2                        | 47.4 | 328,400    | 397,800    |
| MORRISON                  | 3,100              | 5,000     | 2,800                | 4,800     | 35.5                        | 36.2 | 99,400     | 173,600    |
| RENVILLE                  | 26,000             | 30,700    | 23,800               | 29,700    | 45.5                        | 52.4 | 1,082,800  | 1,555,100  |
| SCOTT                     | 7,300              | 8,100     | 7,100                | 7,900     | 42.2                        | 41.9 | 299,600    | 331,000    |
| SHERBURNE                 | 4,800              | 4,600     | 4,600                | 4,400     | 32.5                        | 32.6 | 149,400    | 143,600    |
| SIBLEY                    | 16,600             | 15,600    | 15,300               | 15,200    | 47.9                        | 50.9 | 733,000    | 773,900    |
| STEARNS                   | 11,300             | 10,800    | 10,600               | 9,900     | 37.6                        | 38.2 | 398,600    | 378,300    |
| TODD                      | 4,400              | 4,300     | 4,000                | 3,700     | 34.5                        | 41.2 | 138,000    | 152,500    |
| WADENA                    | 2,700              | 2,700     | 2,400                | 2,400     | 33.6                        | 39.7 | 80,700     | 95,300     |
| WRIGHT                    | 5,200              | 4,400     | 4,700                | 3,500     | 39.5                        | 38.3 | 185,600    | 134,000    |
| <u>CENTRAL</u>            | 135,400            | 145,400   | 125,000              | 137,700   | 42.2                        | 46.4 | 5,281,000  | 6,384,200  |

**ALL WHEAT: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS & COUNTIES, MINNESOTA (CONT'D)**

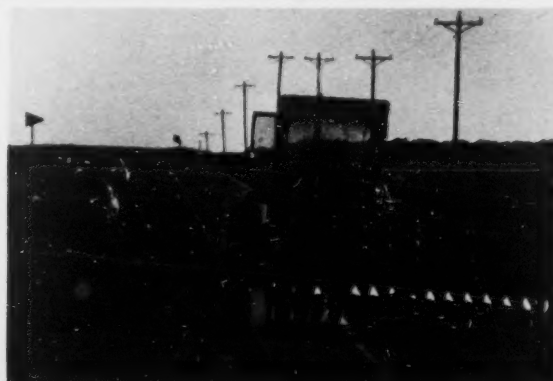
| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |           | ACREAGE<br>HARVESTED |           | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION  |             |
|---------------------------|--------------------|-----------|----------------------|-----------|-----------------------------|------|-------------|-------------|
|                           | 1984               | 1985      | 1984                 | 1985      | 1984                        | 1985 | 1984        | 1985        |
|                           | -ACRES-            |           | -ACRES-              |           | - BUSHEL -                  |      | - BUSHEL -  |             |
| AITKIN                    | 1,400              | 800       | 1,400                | 800       | 30.9                        | 34.3 | 43,200      | 27,400      |
| ANOKA                     | 500                | 700       | 500                  | 600       | 33.4                        | 35.0 | 16,700      | 21,000      |
| HENNEPIN                  | 2,800              | 2,400     | 2,600                | 2,100     | 37.1                        | 40.2 | 96,500      | 84,500      |
| ISANTI                    | 600                | 700       | 600                  | 700       | 28.5                        | 32.9 | 17,100      | 23,000      |
| MILLE LACS                | 900                | 1,000     | 900                  | 900       | 33.9                        | 33.1 | 30,500      | 29,800      |
| WASHINGTON                | 2,400              | 2,100     | 2,300                | 1,800     | 39.0                        | 42.5 | 89,600      | 76,500      |
| OTHER COUNTIES            | 1,300              | 1,500     | 1,100                | 1,500     | 30.6                        | 31.9 | 33,700      | 47,800      |
| EAST CENTRAL              | 9,900              | 9,200     | 9,400                | 8,400     | 34.8                        | 36.9 | 327,300     | 310,000     |
| COTTONWOOD                | 3,800              | 4,400     | 3,600                | 4,200     | 36.3                        | 52.4 | 130,700     | 220,100     |
| JACKSON                   | 900                | 1,000     | 700                  | 900       | 39.6                        | 49.8 | 27,700      | 44,800      |
| LINCOLN                   | 19,500             | 26,700    | 18,400               | 25,500    | 39.6                        | 51.7 | 729,500     | 1,318,700   |
| LYON                      | 19,000             | 30,900    | 16,900               | 30,000    | 39.0                        | 53.9 | 658,700     | 1,617,900   |
| MURRAY                    | 9,400              | 12,400    | 9,100                | 11,900    | 36.1                        | 48.9 | 328,800     | 582,200     |
| NOBLES                    | 2,800              | 3,200     | 2,700                | 3,200     | 35.3                        | 51.3 | 95,400      | 164,000     |
| PIPESTONE                 | 2,300              | 4,600     | 2,300                | 4,600     | 39.8                        | 46.8 | 91,600      | 215,400     |
| REDWOOD                   | 12,100             | 10,700    | 11,200               | 10,100    | 39.6                        | 48.2 | 443,100     | 486,400     |
| ROCK                      | 300                | 500       | 300                  | 500       | 37.0                        | 48.4 | 11,100      | 24,200      |
| SOUTHWEST                 | 70,100             | 94,400    | 65,200               | 90,900    | 38.6                        | 51.4 | 2,516,600   | 4,673,700   |
| BLUE EARTH                | 4,700              | 3,600     | 4,200                | 3,000     | 42.8                        | 48.0 | 179,700     | 144,000     |
| BROWN                     | 4,700              | 5,800     | 4,700                | 5,600     | 45.3                        | 52.0 | 212,800     | 291,400     |
| FARIBAULT                 | 1,600              | 1,300     | 1,500                | 1,300     | 39.8                        | 52.9 | 59,700      | 68,800      |
| FREEBORN                  | 1,400              | 1,100     | 1,100                | 700       | 42.2                        | 52.3 | 46,400      | 36,600      |
| LESUEUR                   | 9,300              | 8,000     | 8,400                | 7,000     | 40.8                        | 50.7 | 342,700     | 355,000     |
| MARTIN                    | 800                | 700       | 800                  | 700       | 40.5                        | 52.9 | 32,400      | 37,000      |
| NICOLLET                  | 4,900              | 5,100     | 4,000                | 4,900     | 44.8                        | 54.1 | 179,000     | 265,000     |
| RICE                      | 3,000              | 2,400     | 3,000                | 2,400     | 38.5                        | 44.1 | 115,600     | 105,900     |
| STEELE                    | 3,700              | 4,300     | 3,700                | 4,200     | 43.1                        | 52.9 | 159,400     | 222,300     |
| WASECA                    | 1,600              | 1,600     | 1,600                | 1,600     | 43.0                        | 55.5 | 68,800      | 88,800      |
| WATONWAN                  | 1,700              | 1,000     | 1,600                | 900       | 45.0                        | 51.9 | 72,000      | 46,700      |
| SOUTH CENTRAL             | 37,400             | 34,900    | 34,600               | 32,300    | 42.4                        | 51.4 | 1,468,500   | 1,661,500   |
| DAKOTA                    | 9,800              | 7,200     | 8,700                | 6,900     | 46.6                        | 41.8 | 405,400     | 288,600     |
| DODGE                     | 2,000              | 1,600     | 2,000                | 1,600     | 43.1                        | 41.3 | 86,200      | 66,000      |
| FILLMORE                  | 1,200              | 1,000     | 1,200                | 1,000     | 47.8                        | 45.0 | 57,300      | 45,000      |
| GOODHUE                   | 3,500              | 3,600     | 3,400                | 3,500     | 44.2                        | 43.9 | 150,400     | 153,500     |
| HOUSTON                   | 300                | 100       | 300                  | 0         | 46.7                        | 0.0  | 14,000      | 0           |
| MOWER                     | 1,800              | 1,900     | 1,800                | 1,900     | 47.3                        | 48.5 | 85,200      | 92,200      |
| OLMSTED                   | 1,400              | 1,200     | 1,300                | 1,200     | 43.9                        | 47.0 | 57,100      | 56,400      |
| WABASHA                   | 900                | 700       | 900                  | 700       | 44.1                        | 42.3 | 39,700      | 29,600      |
| WINONA                    | 800                | 600       | 800                  | 600       | 47.4                        | 42.0 | 37,900      | 25,200      |
| SOUTHEAST                 | 21,700             | 17,900    | 20,400               | 17,400    | 45.7                        | 43.5 | 933,200     | 756,500     |
| MINNESOTA                 | 2,635,000          | 2,835,000 | 2,553,000            | 2,683,000 | 47.3                        | 53.1 | 120,711,000 | 142,426,000 |

# SPRING WHEAT: ACREAGE, YIELD, AND PRODUCTION, BY DISTRICTS & COUNTIES, MINNESOTA

| *****             |   |           |           |   |           |           |                |      |
|-------------------|---|-----------|-----------|---|-----------|-----------|----------------|------|
| DISTRICT          | * | ACREAGE   |           | * | ACREAGE   |           | YIELD PER      |      |
| AND               | * | PLANTED   |           | * | HARVESTED |           | HARVESTED ACRE |      |
| COUNTY            | * | 1984      | 1985      | * | 1984      | 1985      | 1984           | 1985 |
| *****             |   |           |           |   |           |           |                |      |
|                   |   | - ACRES - |           |   | - ACRES - |           | - BUSHEL -     |      |
|                   |   |           |           |   |           |           | - BUSHEL -     |      |
| BECKER            |   | 43,000    | 42,800    |   | 42,900    | 42,700    | 52.0           | 50.0 |
| CLAY              |   | 126,500   | 120,200   |   | 123,700   | 119,500   | 53.0           | 57.0 |
| CLEARWATER        |   | 10,000    | 15,500    |   | 9,900     | 14,900    | 33.0           | 34.0 |
| KITSON            |   | 204,000   | 216,500   |   | 201,300   | 202,500   | 53.0           | 57.0 |
| MAHONMEN          |   | 28,800    | 24,200    |   | 28,500    | 23,400    | 54.0           | 50.0 |
| MARSHALL          |   | 259,800   | 266,100   |   | 254,800   | 259,000   | 53.0           | 61.0 |
| NORMAN            |   | 150,000   | 167,500   |   | 146,800   | 166,000   | 53.0           | 59.0 |
| PENNINGTON        |   | 65,100    | 75,800    |   | 63,500    | 75,700    | 35.0           | 49.0 |
| POLK              |   | 284,700   | 298,900   |   | 281,300   | 297,300   | 52.0           | 60.0 |
| RED LAKE          |   | 43,600    | 52,300    |   | 42,800    | 50,900    | 41.0           | 52.0 |
| ROSEAU            |   | 125,000   | 152,500   |   | 123,500   | 124,500   | 51.0           | 45.0 |
| NORTHWEST         |   | 1,340,500 | 1,432,300 |   | 1,319,000 | 1,376,400 | 51.2           | 56.3 |
| BEATRAMI-         |   | 7,400     | 6,700     |   | 6,300     | 5,400     | 30.0           | 25.0 |
| CASS              |   | 100       | 400       |   | 100       | 400       | 30.0           | 26.0 |
| HUBBARD           |   | 500       | 800       |   | 500       | 800       | 31.0           | 40.0 |
| ITASCA            |   | 400       | 500       |   | 400       | 500       | 29.0           | 26.0 |
| KOOCHICHING       |   | 2,000     | 1,600     |   | 1,900     | 1,200     | 35.0           | 31.0 |
| LAKE OF THE WOODS |   | 12,500    | 12,000    |   | 12,500    | 9,200     | 42.0           | 37.0 |
| NORTH CENTRAL     |   | 22,900    | 22,000    |   | 21,700    | 17,500    | 37.4           | 32.5 |
| ST LOUIS          |   | 500       | 600       |   | 500       | 600       | 30.0           | 33.0 |
| NORTHEAST         |   | 500       | 600       |   | 500       | 600       | 30.0           | 33.0 |
| BIG STONE         |   | 50,500    | 51,700    |   | 50,500    | 51,400    | 42.0           | 54.0 |
| CHIPPEWA          |   | 54,600    | 68,500    |   | 54,100    | 67,900    | 46.0           | 57.0 |
| DOUGLAS           |   | 13,600    | 15,000    |   | 13,400    | 14,700    | 35.0           | 45.0 |
| GRANT             |   | 69,100    | 75,700    |   | 67,800    | 74,100    | 43.0           | 53.0 |
| LAC QUI PARLE     |   | 72,100    | 95,200    |   | 70,200    | 92,700    | 45.0           | 55.0 |
| OTTER TAIL        |   | 55,800    | 80,600    |   | 55,300    | 78,700    | 43.0           | 56.0 |
| POPE              |   | 24,600    | 26,600    |   | 24,500    | 26,300    | 45.0           | 48.0 |
| STEVENS           |   | 52,000    | 59,100    |   | 51,700    | 57,800    | 45.0           | 52.0 |
| SWIFT             |   | 49,600    | 53,600    |   | 49,500    | 52,000    | 45.0           | 47.0 |
| TRAVERSE          |   | 81,700    | 105,400   |   | 80,200    | 104,600   | 42.0           | 53.0 |
| WILKIN            |   | 108,200   | 103,000   |   | 107,600   | 101,100   | 45.0           | 58.0 |
| YELLOW MEDICINE   |   | 36,300    | 51,100    |   | 34,300    | 49,200    | 43.0           | 58.0 |
| WEST CENTRAL      |   | 668,100   | 785,500   |   | 659,100   | 770,500   | 43.8           | 54.1 |
| CARVER            |   | 2,600     | 3,300     |   | 2,400     | 3,200     | 41.0           | 55.0 |
| KANDIYOH          |   | 12,300    | 15,600    |   | 12,000    | 15,500    | 40.0           | 52.0 |
| MCLEOD            |   | 7,200     | 10,500    |   | 7,200     | 10,400    | 41.0           | 53.0 |
| MEEKER            |   | 3,800     | 4,500     |   | 3,600     | 4,500     | 39.0           | 52.0 |
| MORRISON          |   | 700       | 2,800     |   | 700       | 2,800     | 34.0           | 37.0 |
| RENNVILLE         |   | 18,900    | 24,300    |   | 17,800    | 24,100    | 46.0           | 55.0 |
| SCOTT             |   | 3,200     | 4,400     |   | 3,200     | 4,400     | 40.0           | 45.0 |
| SHERBURNE         |   | 1,200     | 1,400     |   | 1,100     | 1,400     | 34.0           | 34.0 |
| SIBLEY            |   | 6,500     | 6,700     |   | 6,200     | 6,600     | 45.0           | 56.0 |
| STEARNS           |   | 4,000     | 4,400     |   | 3,900     | 4,300     | 37.0           | 45.0 |
| TODD              |   | 1,500     | 1,700     |   | 1,500     | 1,500     | 32.0           | 43.0 |
| WRIGHT            |   | 2,400     | 1,900     |   | 2,400     | 1,700     | 39.0           | 46.0 |
| OTHER COUNTIES    |   | 500       | 700       |   | 300       | 700       | 31.0           | 32.7 |
| CENTRAL           |   | 64,800    | 82,200    |   | 62,300    | 81,100    | 41.7           | 51.4 |

**SPRING WHEAT: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS & COUNTIES, MINNESOTA (CONT'D)**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |           | ACREAGE<br>HARVESTED |           | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION  |             |
|---------------------------|--------------------|-----------|----------------------|-----------|-----------------------------|------|-------------|-------------|
|                           | 1984               | 1985      | 1984                 | 1985      | 1984                        | 1985 | 1984        | 1985        |
|                           | - ACRES -          |           | - ACRES -            |           | - BUSHEL -                  |      | - BUSHEL -  |             |
| AITKIN                    | 1,200              | 600       | 1,200                | 600       | 31.0                        | 35.0 | 37,200      | 21,000      |
| HENNEPIN                  | 1,000              | 500       | 900                  | 500       | 37.0                        | 41.0 | 33,300      | 20,500      |
| OTHER COUNTIES            | 2,400              | 1,800     | 2,200                | 1,800     | 32.0                        | 33.8 | 70,500      | 60,800      |
| <u>EAST CENTRAL</u>       | 4,600              | 2,900     | 4,300                | 2,900     | 32.8                        | 35.3 | 141,000     | 102,300     |
| COTTONWOOD                | 3,300              | 4,000     | 3,200                | 3,900     | 36.0                        | 53.0 | 115,200     | 206,700     |
| LINCOLN                   | 18,000             | 25,400    | 17,300               | 24,800    | 40.0                        | 52.0 | 692,000     | 1,289,600   |
| LYON                      | 13,400             | 30,500    | 16,300               | 29,600    | 39.0                        | 54.0 | 635,700     | 1,598,400   |
| MURRAY                    | 9,000              | 12,000    | 8,800                | 11,500    | 36.0                        | 49.0 | 316,800     | 563,500     |
| NOBLES                    | 1,800              | 2,400     | 1,800                | 2,400     | 35.0                        | 53.0 | 63,000      | 127,200     |
| PIPESTONE                 | 2,200              | 4,400     | 2,200                | 4,400     | 40.0                        | 47.0 | 88,000      | 206,800     |
| REDWOOD                   | 10,000             | 8,900     | 9,100                | 8,700     | 39.0                        | 49.0 | 354,900     | 426,300     |
| OTHER COUNTIES            | 800                | 1,100     | 700                  | 1,100     | 37.0                        | 51.3 | 25,900      | 56,400      |
| <u>SOUTHWEST</u>          | 63,500             | 88,700    | 59,400               | 86,400    | 38.6                        | 51.8 | 2,291,500   | 4,474,900   |
| BLUE EARTH                | 2,800              | 2,100     | 2,700                | 2,000     | 45.0                        | 50.0 | 121,500     | 100,000     |
| BROWN                     | 3,500              | 4,800     | 3,500                | 4,700     | 44.0                        | 53.0 | 154,000     | 249,100     |
| FARIBAULT                 | 900                | 600       | 900                  | 600       | 39.0                        | 52.0 | 35,100      | 31,200      |
| FREEBORN                  | 800                | 600       | 800                  | 600       | 43.0                        | 53.0 | 34,400      | 31,800      |
| LESUEUR                   | 6,400              | 5,600     | 5,900                | 5,000     | 40.0                        | 51.0 | 236,000     | 255,000     |
| MARTIN                    | 400                | 500       | 400                  | 500       | 40.0                        | 54.0 | 16,000      | 27,000      |
| NICOLLET                  | 4,100              | 4,500     | 3,400                | 4,400     | 45.0                        | 55.0 | 153,000     | 242,000     |
| RICE                      | 2,600              | 2,000     | 2,600                | 2,000     | 38.0                        | 43.0 | 98,800      | 86,000      |
| STEELE                    | 3,600              | 4,200     | 3,600                | 4,100     | 43.0                        | 53.0 | 154,800     | 217,300     |
| WASECA                    | 1,100              | 1,300     | 1,100                | 1,300     | 44.0                        | 57.0 | 48,400      | 74,100      |
| WATONWAN                  | 1,500              | 800       | 1,400                | 700       | 45.0                        | 53.0 | 63,000      | 37,100      |
| <u>SOUTH CENTRAL</u>      | 27,700             | 27,000    | 25,300               | 25,900    | 42.4                        | 52.1 | 1,115,000   | 1,350,600   |
| DAKOTA                    | 1,400              | 1,900     | 1,400                | 1,900     | 41.0                        | 44.0 | 57,400      | 83,600      |
| DODGE                     | 1,000              | 1,000     | 1,000                | 1,000     | 43.0                        | 39.0 | 43,000      | 39,000      |
| FILLMORE                  | 500                | 500       | 500                  | 500       | 50.0                        | 50.0 | 25,000      | 25,000      |
| GOODHUE                   | 1,600              | 2,300     | 1,600                | 2,200     | 43.0                        | 45.0 | 68,800      | 99,000      |
| HOUSTON                   | 100                | 0         | 100                  | 0         | 50.0                        | 0.0  | 5,000       | 0           |
| MOWER                     | 1,400              | 1,600     | 1,400                | 1,600     | 48.0                        | 49.0 | 67,200      | 78,400      |
| OLMSTED                   | 700                | 800       | 700                  | 800       | 43.0                        | 49.0 | 30,100      | 39,200      |
| OTHER COUNTIES            | 700                | 700       | 700                  | 700       | 45.1                        | 44.0 | 31,600      | 30,800      |
| <u>SOUTHEAST</u>          | 7,400              | 8,800     | 7,400                | 8,700     | 44.3                        | 45.4 | 328,100     | 395,000     |
| MINNESOTA                 | 2,200,000          | 2,450,000 | 2,160,000            | 2,370,000 | 48.0                        | 55.0 | 103,680,000 | 130,350,000 |



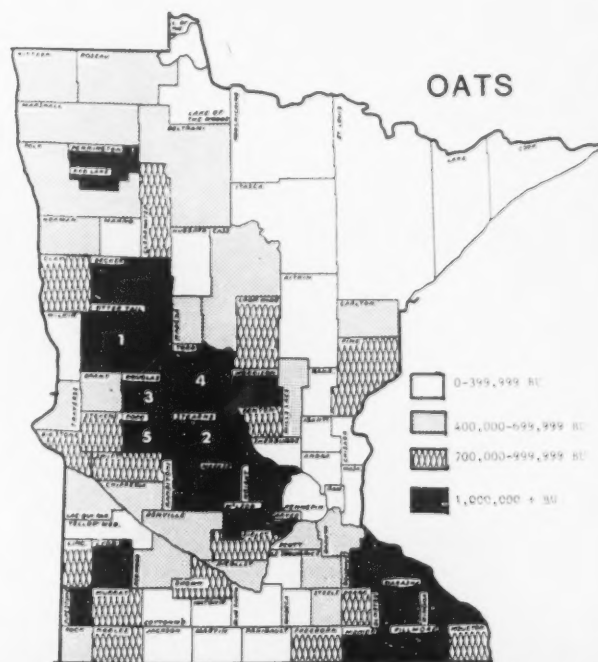
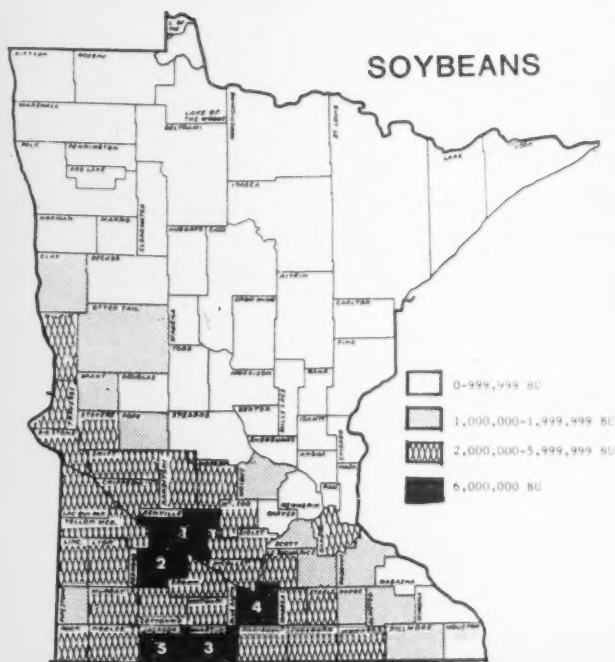
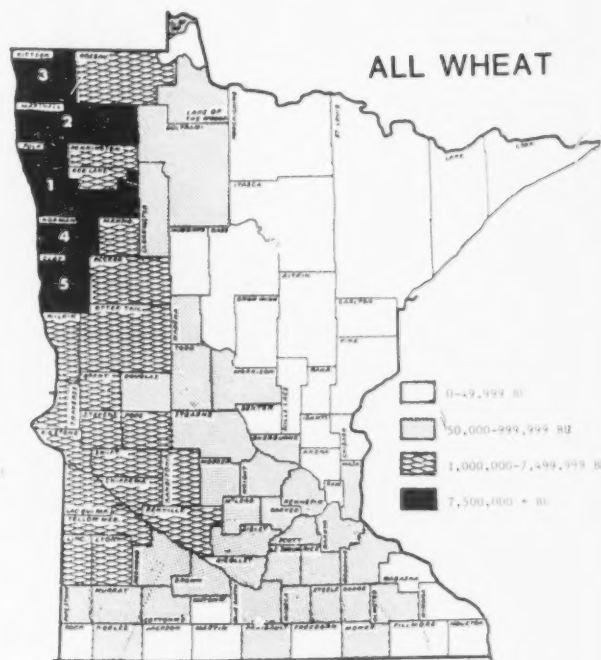
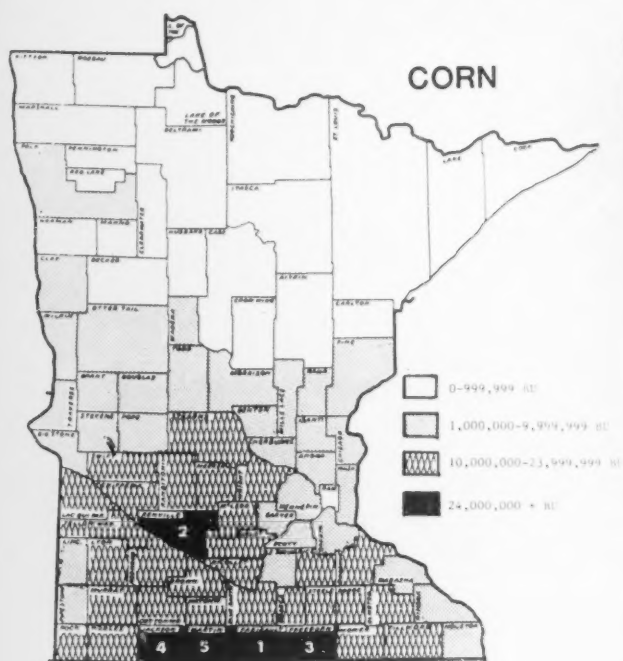
**OATS: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |         | ACREAGE<br>HARVESTED |         | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |            |
|---------------------------|--------------------|---------|----------------------|---------|-----------------------------|------|------------|------------|
|                           | 1984               | 1985    | 1984                 | 1985    | 1984                        | 1985 | 1984       | 1985       |
|                           | - ACRES -          |         | - ACRES -            |         | - BUSHEL -                  |      | - BUSHEL - |            |
| BECKER                    | 26,000             | 30,500  | 24,000               | 24,100  | 53.0                        | 53.0 | 1,282,000  | 1,282,000  |
| CLAY                      | 19,400             | 16,200  | 18,300               | 11,000  | 72.0                        | 66.0 | 1,315,900  | 721,600    |
| CLEARWATER                | 18,500             | 18,300  | 16,100               | 12,800  | 56.0                        | 58.0 | 900,200    | 748,100    |
| KITSON                    | 17,700             | 15,900  | 9,000                | 7,000   | 73.0                        | 63.0 | 660,700    | 437,500    |
| MAHONOMEN                 | 8,100              | 3,400   | 6,600                | 2,700   | 75.0                        | 58.0 | 494,600    | 156,300    |
| MARSHALL                  | 19,900             | 14,200  | 14,500               | 8,700   | 72.0                        | 68.0 | 1,047,700  | 590,700    |
| NORMAN                    | 7,800              | 9,200   | 7,400                | 6,700   | 77.0                        | 79.0 | 570,100    | 531,700    |
| PENNINGTON                | 25,300             | 25,300  | 19,800               | 20,300  | 53.0                        | 77.0 | 1,057,600  | 1,561,000  |
| POLK                      | 12,200             | 11,500  | 11,600               | 8,700   | 68.0                        | 70.0 | 786,400    | 609,300    |
| RED LAKE                  | 32,100             | 23,800  | 24,400               | 17,500  | 56.0                        | 83.0 | 1,371,000  | 1,444,000  |
| ROSEAU                    | 31,800             | 18,000  | 22,300               | 9,600   | 75.0                        | 63.0 | 1,663,500  | 606,800    |
| <u>NORTHWEST</u>          | 218,800            | 186,300 | 174,000              | 129,100 | 64.1                        | 67.3 | 11,149,700 | 8,683,300  |
| BELTRAMI                  | 17,400             | 14,800  | 14,100               | 9,800   | 51.0                        | 48.0 | 724,200    | 471,200    |
| CASS                      | 9,100              | 13,800  | 4,600                | 9,000   | 59.0                        | 49.0 | 273,000    | 439,200    |
| HUBBARD                   | 10,900             | 10,000  | 10,200               | 8,100   | 42.0                        | 49.0 | 430,100    | 399,300    |
| ITASCA                    | 7,100              | 9,300   | 4,300                | 5,700   | 48.0                        | 46.0 | 207,600    | 264,300    |
| KOOCHICHING               | 8,900              | 7,500   | 6,800                | 4,900   | 47.0                        | 41.0 | 321,300    | 200,400    |
| LAKE OF THE WOODS         | 13,800             | 7,900   | 11,700               | 4,200   | 72.0                        | 43.0 | 841,300    | 182,300    |
| <u>NORTH CENTRAL</u>      | 67,200             | 63,300  | 51,700               | 41,700  | 54.1                        | 46.9 | 2,797,500  | 1,956,700  |
| ST LOUIS                  | 8,800              | 9,300   | 7,500                | 5,000   | 47.0                        | 53.0 | 351,000    | 263,000    |
| OTHER COUNTIES            | 200                | 200     | --                   | --      | --                          | --   | --         | --         |
| <u>NORTHEAST</u>          | 9,000              | 9,500   | 7,500                | 5,000   | 47.0                        | 53.0 | 351,000    | 263,000    |
| BIG STONE                 | 15,700             | 17,500  | 11,000               | 10,200  | 81.0                        | 88.0 | 892,700    | 894,500    |
| CHIPPewa                  | 11,100             | 11,100  | 8,400                | 7,700   | 73.0                        | 82.0 | 612,500    | 629,300    |
| DOUGLAS                   | 52,800             | 51,300  | 51,300               | 43,700  | 64.0                        | 65.0 | 3,300,900  | 2,855,000  |
| GRANT                     | 6,600              | 7,200   | 6,300                | 5,400   | 68.0                        | 81.0 | 427,100    | 435,200    |
| LAC QUI PARLE             | 13,100             | 12,300  | 7,800                | 5,500   | 75.0                        | 86.0 | 586,000    | 474,100    |
| OTTER TAIL                | 113,300            | 123,400 | 106,700              | 97,000  | 62.0                        | 66.0 | 6,576,400  | 6,440,800  |
| POPE                      | 41,600             | 41,500  | 33,500               | 32,700  | 68.0                        | 71.0 | 2,293,900  | 2,334,800  |
| STEVENS                   | 10,600             | 11,800  | 9,000                | 9,700   | 76.0                        | 80.0 | 684,200    | 778,200    |
| SWIFT                     | 20,200             | 19,700  | 14,300               | 13,300  | 68.0                        | 67.0 | 970,700    | 895,100    |
| TRAVERSE                  | 6,500              | 6,100   | 6,100                | 5,300   | 74.0                        | 85.0 | 451,200    | 448,400    |
| WILKIN                    | 4,900              | 5,400   | 3,900                | 3,400   | 67.0                        | 76.0 | 260,400    | 260,000    |
| YELLOW MEDICINE           | 8,900              | 8,500   | 6,600                | 4,500   | 72.0                        | 86.0 | 474,600    | 385,600    |
| <u>WEST CENTRAL</u>       | 305,300            | 315,800 | 264,900              | 238,400 | 66.2                        | 70.6 | 17,530,600 | 16,831,000 |
| BENTON                    | 16,300             | 17,700  | 13,600               | 13,300  | 43.0                        | 65.0 | 581,300    | 860,900    |
| CARVER                    | 17,000             | 19,400  | 14,900               | 16,200  | 77.0                        | 77.0 | 1,147,900  | 1,245,000  |
| KANDIYOHI                 | 26,800             | 29,900  | 22,100               | 22,900  | 67.0                        | 72.0 | 1,484,700  | 1,650,000  |
| MCLEOD                    | 17,600             | 17,800  | 15,400               | 13,900  | 77.0                        | 77.0 | 1,179,800  | 1,068,900  |
| MEEKER                    | 27,900             | 23,800  | 20,900               | 17,300  | 67.0                        | 79.0 | 1,395,500  | 1,373,600  |
| MORRISON                  | 29,600             | 38,300  | 26,500               | 31,400  | 57.0                        | 71.0 | 1,519,500  | 2,242,000  |
| RENVILLE                  | 10,900             | 9,400   | 7,900                | 6,600   | 79.0                        | 87.0 | 623,000    | 575,200    |
| SCOTT                     | 13,200             | 13,500  | 8,900                | 8,300   | 62.0                        | 76.0 | 548,500    | 632,200    |
| SHERBURNE                 | 2,600              | 4,600   | 2,200                | 3,400   | 58.0                        | 58.0 | 127,100    | 198,200    |
| SIBLEY                    | 13,900             | 15,800  | 10,500               | 9,900   | 79.0                        | 75.0 | 832,700    | 741,500    |
| STEARNS                   | 94,600             | 111,900 | 85,200               | 88,600  | 61.0                        | 70.0 | 5,204,800  | 6,237,400  |
| TODD                      | 49,800             | 53,800  | 43,200               | 40,000  | 58.0                        | 64.0 | 2,485,100  | 2,544,000  |
| WADENA                    | 15,000             | 14,800  | 12,900               | 11,500  | 48.0                        | 54.0 | 621,400    | 622,100    |
| WRIGHT                    | 22,200             | 23,200  | 19,100               | 17,900  | 65.0                        | 71.0 | 1,247,800  | 1,269,100  |
| <u>CENTRAL</u>            | 357,400            | 393,900 | 303,300              | 301,200 | 62.6                        | 70.6 | 18,999,100 | 21,260,100 |

**OATS: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA (CONT'D)**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |           | ACREAGE<br>HARVESTED |           | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |            |
|---------------------------|--------------------|-----------|----------------------|-----------|-----------------------------|------|------------|------------|
|                           | 1984               | 1985      | 1984                 | 1985      | 1984                        | 1985 | 1984       | 1985       |
|                           | - ACRES -          |           | - ACRES -            |           | - BUSHEL -                  |      | - BUSHEL - |            |
| AITKIN                    | 6,700              | 5,000     | 6,000                | 3,400     | 45.0                        | 61.0 | 271,200    | 206,500    |
| CARLTON                   | 9,800              | 8,900     | 8,400                | 8,000     | 58.0                        | 59.0 | 483,200    | 474,900    |
| CHISAGO                   | 6,800              | 6,700     | 6,400                | 5,200     | 67.0                        | 62.0 | 427,300    | 321,000    |
| CROW WING                 | 13,600             | 13,500    | 9,700                | 12,000    | 46.0                        | 60.0 | 449,600    | 720,800    |
| HENNEPIN                  | 6,900              | 7,800     | 6,200                | 5,600     | 59.0                        | 69.0 | 365,400    | 383,900    |
| ISANTI                    | 4,900              | 8,500     | 4,400                | 6,000     | 52.0                        | 65.0 | 230,500    | 392,900    |
| KANABEC                   | 7,900              | 8,100     | 6,500                | 5,100     | 53.0                        | 63.0 | 344,500    | 320,800    |
| MILLE LACS                | 10,900             | 13,400    | 8,300                | 8,700     | 58.0                        | 66.0 | 480,700    | 577,500    |
| PINE                      | 16,700             | 20,500    | 14,700               | 15,500    | 45.0                        | 58.0 | 657,800    | 895,900    |
| WASHINGTON                | 4,400              | 4,700     | 3,900                | 3,400     | 65.0                        | 58.0 | 252,400    | 195,800    |
| OTHER COUNTIES            | 4,400              | 4,600     | 2,200                | 3,300     | 47.0                        | 67.0 | 102,600    | 221,700    |
| <u>EAST CENTRAL</u>       | 93,000             | 101,700   | 76,700               | 76,200    | 53.0                        | 61.8 | 4,065,200  | 4,711,700  |
| COTTONWOOD                | 7,300              | 6,800     | 4,300                | 3,400     | 75.0                        | 70.0 | 324,000    | 238,300    |
| JACKSON                   | 9,500              | 12,400    | 3,600                | 4,500     | 71.0                        | 74.0 | 255,200    | 333,900    |
| LINCOLN                   | 13,200             | 12,300    | 11,300               | 9,800     | 68.0                        | 93.0 | 763,100    | 915,300    |
| LYON                      | 21,600             | 23,300    | 12,000               | 15,100    | 71.0                        | 95.0 | 853,700    | 1,440,500  |
| MURRAY                    | 15,900             | 18,100    | 10,900               | 10,200    | 67.0                        | 85.0 | 727,800    | 862,000    |
| NOBLES                    | 20,000             | 20,500    | 10,300               | 11,700    | 65.0                        | 81.0 | 666,600    | 946,500    |
| PIPESTONE                 | 16,400             | 19,200    | 13,800               | 13,800    | 61.0                        | 80.0 | 846,900    | 1,109,500  |
| REDWOOD                   | 11,800             | 12,000    | 6,700                | 6,800     | 75.0                        | 81.0 | 502,400    | 550,300    |
| ROCK                      | 9,000              | 15,300    | 6,000                | 8,400     | 73.0                        | 81.0 | 440,300    | 680,400    |
| <u>SOUTHWEST</u>          | 124,700            | 139,900   | 78,900               | 83,700    | 68.2                        | 84.5 | 5,380,000  | 7,076,700  |
| BLUE EARTH                | 6,700              | 5,100     | 3,600                | 1,900     | 74.0                        | 81.0 | 268,000    | 154,700    |
| BROWN                     | 16,800             | 14,300    | 11,700               | 9,300     | 80.0                        | 86.0 | 934,400    | 802,600    |
| FARIBAUT                  | 8,000              | 10,200    | 3,200                | 2,600     | 87.0                        | 94.0 | 279,400    | 245,400    |
| FREEBORN                  | 16,900             | 18,800    | 9,200                | 9,900     | 68.0                        | 74.0 | 629,100    | 736,600    |
| LESUEUR                   | 5,600              | 5,400     | 3,200                | 3,200     | 67.0                        | 79.0 | 213,700    | 252,200    |
| MARTIN                    | 7,300              | 8,700     | 2,600                | 3,100     | 83.0                        | 85.0 | 215,900    | 264,700    |
| NICOLLET                  | 13,300             | 11,500    | 9,200                | 5,800     | 85.0                        | 83.0 | 785,800    | 483,100    |
| RICE                      | 13,200             | 13,000    | 9,300                | 8,800     | 69.0                        | 70.0 | 641,500    | 615,700    |
| STEELE                    | 13,100             | 12,400    | 8,300                | 8,100     | 74.0                        | 72.0 | 613,900    | 585,100    |
| WASECA                    | 5,500              | 4,100     | 2,100                | 1,800     | 72.0                        | 84.0 | 150,700    | 151,900    |
| WATONWAN                  | 3,900              | 5,500     | 1,500                | 1,500     | 88.0                        | 90.0 | 132,500    | 135,300    |
| <u>SOUTH CENTRAL</u>      | 110,300            | 109,000   | 63,900               | 56,000    | 76.1                        | 79.1 | 4,864,900  | 4,427,300  |
| DAKOTA                    | 12,300             | 11,900    | 11,500               | 8,600     | 60.0                        | 62.0 | 685,200    | 535,900    |
| DODGE                     | 18,600             | 18,400    | 14,600               | 13,300    | 76.0                        | 69.0 | 1,104,400  | 923,000    |
| FILLMORE                  | 34,700             | 33,200    | 28,700               | 24,500    | 75.0                        | 70.0 | 2,149,800  | 1,717,300  |
| GOODHUE                   | 33,200             | 37,100    | 28,000               | 26,500    | 71.0                        | 68.0 | 1,991,800  | 1,812,600  |
| HOUSTON                   | 16,300             | 19,500    | 13,200               | 13,200    | 73.0                        | 66.0 | 965,000    | 868,800    |
| MOWER                     | 20,500             | 28,400    | 15,000               | 19,700    | 70.0                        | 75.0 | 1,054,700  | 1,485,400  |
| OLMSTED                   | 29,000             | 31,900    | 24,300               | 26,600    | 71.0                        | 71.0 | 1,736,600  | 1,899,200  |
| WABASHA                   | 20,800             | 22,800    | 19,000               | 19,300    | 74.0                        | 72.0 | 1,404,500  | 1,397,300  |
| WINONA                    | 28,900             | 27,400    | 24,800               | 17,000    | 71.0                        | 67.0 | 1,770,000  | 1,145,000  |
| <u>SOUTHEAST</u>          | 214,300            | 230,600   | 179,100              | 168,700   | 71.8                        | 69.9 | 12,862,000 | 11,784,500 |
| MINNESOTA                 | 1,500,000          | 1,550,000 | 1,200,000            | 1,100,000 | 65.0                        | 70.0 | 78,000,000 | 77,000,000 |

# Geographic Distribution of Major Minnesota Crops in 1985



# **BARLEY: ACREAGE, YIELD, AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |           | ACREAGE<br>HARVESTED |           | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |            |
|---------------------------|--------------------|-----------|----------------------|-----------|-----------------------------|------|------------|------------|
|                           | 1984               | 1985      | 1984                 | 1985      | 1984                        | 1985 | 1984       | 1985       |
|                           | - ACRES -          |           | - ACRES -            |           | - BUSHEL -                  |      | - BUSHEL - |            |
| BECKER                    | 33,500             | 35,700    | 31,000               | 35,700    | 66.0                        | 62.0 | 2,046,000  | 2,213,400  |
| CLAY                      | 63,300             | 66,500    | 54,600               | 58,900    | 69.0                        | 67.0 | 3,767,400  | 3,946,300  |
| CLEARWATER                | 3,800              | 4,100     | 3,700                | 4,100     | 54.0                        | 47.0 | 199,800    | 192,700    |
| KITSON                    | 78,900             | 81,300    | 69,300               | 71,000    | 76.0                        | 74.0 | 5,266,800  | 5,254,000  |
| MAHOMEN                   | 52,900             | 62,600    | 50,200               | 61,000    | 70.0                        | 54.0 | 3,514,000  | 3,294,000  |
| MARSHALL                  | 144,200            | 155,700   | 127,900              | 139,000   | 70.0                        | 68.0 | 8,953,000  | 9,452,000  |
| NORMAN                    | 117,100            | 126,500   | 103,300              | 111,300   | 64.0                        | 66.0 | 6,611,200  | 7,345,800  |
| PENNINGTON                | 53,500             | 57,500    | 48,900               | 57,300    | 43.0                        | 63.0 | 2,102,700  | 3,602,500  |
| POLK                      | 194,100            | 211,200   | 181,000              | 186,300   | 69.0                        | 71.0 | 12,489,000 | 13,221,300 |
| RED LAKE                  | 38,700             | 42,400    | 35,400               | 41,900    | 54.0                        | 65.0 | 1,911,600  | 2,723,500  |
| ROSEAU                    | 71,900             | 83,300    | 64,400               | 53,600    | 66.0                        | 54.0 | 4,250,400  | 2,894,400  |
| <u>NORTHWEST</u>          | 851,900            | 926,800   | 769,700              | 820,300   | 66.4                        | 66.0 | 51,111,900 | 54,159,900 |
| BELTRAMI                  | 3,200              | 3,400     | 2,700                | 2,700     | 37.0                        | 35.0 | 99,900     | 94,500     |
| HUBBARD                   | 1,300              | 2,600     | 1,300                | 2,400     | 40.0                        | 50.0 | 52,000     | 120,000    |
| KOOCHICHING               | 700                | 1,000     | 400                  | 800       | 32.0                        | 35.0 | 12,800     | 28,000     |
| LAKE OF THE WOODS         | 5,200              | 7,000     | 4,700                | 4,600     | 54.0                        | 49.0 | 253,800    | 225,400    |
| OTHER COUNTIES            | 300                | 400       | 300                  | 400       | 36.3                        | 34.0 | 10,900     | 13,600     |
| <u>NORTH CENTRAL</u>      | 10,700             | 14,400    | 9,400                | 10,900    | 45.7                        | 44.2 | 429,400    | 461,500    |
| ST LOUIS                  | 600                | 800       | 500                  | 800       | 34.0                        | 32.0 | 17,000     | 25,600     |
| <u>NORTHEAST</u>          | 600                | 800       | 500                  | 800       | 34.0                        | 32.0 | 17,000     | 25,600     |
| BIG STONE                 | 8,600              | 11,900    | 8,400                | 11,600    | 68.0                        | 69.0 | 571,200    | 800,400    |
| CHIPPEWA                  | 600                | 800       | 600                  | 800       | 68.0                        | 65.0 | 40,800     | 52,000     |
| DOUGLAS                   | 4,900              | 6,800     | 4,400                | 5,800     | 56.0                        | 65.0 | 246,400    | 377,000    |
| GRANT                     | 25,300             | 35,100    | 22,100               | 33,100    | 54.0                        | 65.0 | 1,193,400  | 2,151,500  |
| LAC QUI PARLE             | 500                | 700       | 500                  | 700       | 74.0                        | 75.0 | 37,000     | 52,500     |
| OTTER TAIL                | 22,000             | 30,600    | 20,900               | 27,600    | 55.0                        | 62.0 | 1,149,500  | 1,711,200  |
| POPE                      | 2,300              | 3,200     | 2,000                | 2,900     | 59.0                        | 62.0 | 118,000    | 179,800    |
| STEVENS                   | 14,800             | 20,600    | 14,000               | 19,000    | 68.0                        | 68.0 | 952,000    | 1,292,000  |
| SWIFT                     | 1,500              | 2,100     | 1,500                | 2,000     | 65.0                        | 65.0 | 97,500     | 130,000    |
| TRAVERSE                  | 28,200             | 39,200    | 25,700               | 39,200    | 62.0                        | 71.0 | 1,593,400  | 2,783,200  |
| WILKIN                    | 61,300             | 85,100    | 55,800               | 80,900    | 61.0                        | 70.0 | 3,403,800  | 5,663,000  |
| YELLOW MEDICINE           | 500                | 700       | 500                  | 500       | 74.0                        | 75.0 | 37,000     | 37,500     |
| <u>WEST CENTRAL</u>       | 170,500            | 236,800   | 156,400              | 224,100   | 60.4                        | 68.0 | 9,440,000  | 15,230,100 |
| BENTON                    | 900                | 1,200     | 500                  | 1,000     | 32.0                        | 60.0 | 16,000     | 60,000     |
| MORRISON                  | 600                | 700       | 600                  | 600       | 43.0                        | 43.0 | 25,800     | 25,800     |
| STEARNS                   | 2,600              | 3,200     | 2,300                | 2,900     | 61.0                        | 57.0 | 140,300    | 165,300    |
| TODD                      | 1,800              | 2,200     | 1,500                | 1,900     | 48.0                        | 49.0 | 72,000     | 93,100     |
| WADENA                    | 900                | 1,100     | 800                  | 1,000     | 53.0                        | 48.0 | 42,400     | 48,000     |
| OTHER COUNTIES            | 1,200              | 1,900     | 1,100                | 1,800     | 47.6                        | 50.2 | 52,400     | 108,400    |
| <u>CENTRAL</u>            | 8,000              | 10,300    | 6,800                | 9,200     | 51.3                        | 54.4 | 348,900    | 500,600    |
| <u>EAST CENTRAL</u>       | 1,300              | 2,900     | 1,200                | 2,700     | 41.2                        | 48.1 | 49,400     | 129,900    |
| LINCOLN                   | 1,000              | 1,500     | 900                  | 1,300     | 55.0                        | 60.0 | 49,500     | 78,000     |
| LYON                      | 300                | 500       | 300                  | 500       | 60.0                        | 66.0 | 18,000     | 33,000     |
| OTHER COUNTIES            | 700                | 1,200     | 700                  | 1,200     | 57.1                        | 62.1 | 40,000     | 74,500     |
| <u>SOUTHWEST</u>          | 2,000              | 3,200     | 1,900                | 3,000     | 56.6                        | 61.8 | 107,500    | 185,500    |
| <u>SOUTH CENTRAL</u>      | 1,000              | 1,500     | 900                  | 1,300     | 43.4                        | 63.7 | 34,700     | 82,800     |
| GOODHUE                   | 1,200              | 1,000     | 900                  | 600       | 66.0                        | 51.0 | 59,400     | 30,600     |
| OLMSTED                   | 600                | 500       | 600                  | 400       | 60.0                        | 52.0 | 36,000     | 20,800     |
| WABASHA                   | 800                | 600       | 700                  | 600       | 65.0                        | 62.0 | 45,500     | 37,200     |
| WINONA                    | 600                | 500       | 500                  | 400       | 63.0                        | 62.0 | 31,500     | 24,800     |
| OTHER COUNTIES            | 800                | 700       | 600                  | 700       | 64.7                        | 58.1 | 38,800     | 40,700     |
| <u>SOUTHEAST</u>          | 4,000              | 3,300     | 3,300                | 2,700     | 64.0                        | 57.1 | 211,200    | 154,100    |
| MINNESOTA                 | 1,050,000          | 1,200,000 | 950,000              | 1,075,000 | 65.0                        | 66.0 | 61,750,000 | 70,950,000 |

# ALL SUNFLOWERS: ACREAGE, YIELD, AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA 1/

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |         | ACREAGE<br>HARVESTED |         | YIELD PER<br>HARVESTED ACRE |       | PRODUCTION  |             |
|---------------------------|--------------------|---------|----------------------|---------|-----------------------------|-------|-------------|-------------|
|                           | 1984               | 1985    | 1984                 | 1985    | 1984                        | 1985  | 1984        | 1985        |
|                           | - ACRES -          |         | - ACRES -            |         | - POUNDS -                  |       | - POUNDS -  |             |
| BECKER                    | 11,100             | 4,300   | 10,800               | 4,100   | 1,207                       | 510   | 13,036,000  | 2,091,000   |
| CLAY                      | 22,600             | 17,800  | 21,700               | 16,600  | 1,260                       | 1,069 | 27,352,500  | 17,749,000  |
| CLEARWATER                | 6,300              | 5,900   | 6,000                | 5,600   | 1,140                       | 660   | 6,840,000   | 3,696,000   |
| KITTSO                    | 14,500             | 15,500  | 13,900               | 13,100  | 1,541                       | 881   | 21,420,000  | 11,543,500  |
| MAHOMEN                   | 11,100             | 3,900   | 10,700               | 3,200   | 1,365                       | 510   | 14,605,500  | 1,632,000   |
| MARSHALL                  | 28,100             | 28,700  | 26,600               | 26,500  | 1,200                       | 905   | 31,934,000  | 23,980,700  |
| NORMAN                    | 38,600             | 34,600  | 36,800               | 32,400  | 1,354                       | 973   | 49,827,000  | 31,538,000  |
| PENNINGTON                | 21,700             | 24,100  | 20,500               | 18,800  | 940                         | 837   | 19,263,000  | 15,740,000  |
| POLK                      | 36,300             | 47,900  | 35,000               | 45,400  | 1,255                       | 1,020 | 43,943,000  | 46,312,800  |
| RED LAKE                  | 12,900             | 20,300  | 12,300               | 19,200  | 1,303                       | 740   | 16,025,000  | 14,214,500  |
| ROSEAU                    | 28,700             | 23,500  | 27,500               | 17,200  | 1,327                       | 801   | 36,480,500  | 13,785,000  |
| <u>NORTHWEST</u>          | 231,900            | 226,500 | 221,800              | 202,100 | 1,266                       | 902   | 280,726,500 | 182,282,500 |
| BELTRAMI                  | 3,200              | 2,800   | 2,600                | 2,200   | 902                         | 600   | 2,345,000   | 1,320,000   |
| LAKE OF THE WOODS         | 4,000              | 3,000   | 3,300                | 2,600   | 1,278                       | 430   | 4,218,000   | 1,118,000   |
| OTHER COUNTIES            | 500                | 300     | 500                  | 300     | 800                         | 750   | 400,000     | 225,000     |
| <u>NORTH CENTRAL</u>      | 7,700              | 6,100   | 6,400                | 5,100   | 1,088                       | 522   | 6,963,000   | 2,663,000   |
| <u>NORTHEAST</u>          | 1,500              | 500     | 1,500                | 400     | 500                         | 500   | 750,000     | 200,000     |
| GRANT                     | 800                | 500     | 600                  | 500     | 1,167                       | 1,000 | 700,000     | 500,000     |
| OTTER TAIL                | 2,400              | 2,500   | 2,400                | 2,500   | 1,070                       | 815   | 2,568,000   | 2,037,500   |
| STEVENS                   | 3,300              | 2,000   | 2,700                | 1,500   | 1,141                       | 1,140 | 3,080,000   | 1,710,000   |
| SWIFT                     | 1,200              | 800     | 1,200                | 800     | 1,100                       | 1,100 | 1,320,000   | 880,000     |
| TRAVERSE                  | 600                | 600     | 500                  | 600     | 1,120                       | 1,292 | 560,000     | 775,000     |
| WILKIN                    | 5,000              | 1,700   | 4,800                | 1,700   | 1,200                       | 1,097 | 5,760,000   | 1,865,000   |
| OTHER COUNTIES            | 1,800              | 800     | 1,800                | 800     | 1,128                       | 1,121 | 2,030,000   | 897,000     |
| <u>WEST CENTRAL</u>       | 15,100             | 8,900   | 14,000               | 8,400   | 1,144                       | 1,031 | 16,018,000  | 8,664,500   |
| <u>CENTRAL</u>            | 5,500              | 1,700   | 5,100                | 1,700   | 1,224                       | 1,341 | 6,242,500   | 2,280,000   |
| <u>EAST CENTRAL</u>       | 500                | 500     | 500                  | 500     | 1,070                       | 1,220 | 535,000     | 610,000     |
| <u>SOUTHWEST</u>          | 1,000              | 300     | 900                  | 300     | 1,089                       | 1,233 | 980,000     | 370,000     |
| <u>SOUTH CENTRAL</u>      | 500                | 100     | 500                  | 100     | 1,040                       | 1,450 | 520,000     | 145,000     |
| <u>SOUTHEAST</u>          | 300                | 400     | 300                  | 400     | 1,217                       | 1,412 | 365,000     | 565,000     |
| MINNESOTA                 | 264,000            | 245,000 | 251,000              | 219,000 | 1,247                       | 903   | 313,100,000 | 197,780,000 |

1/ Of the total all sunflower production in 1985, 87% was for oil purposes. County estimate breakdowns for oil and non-oil sunflower are available on request.

**POTATOES: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |        | ACREAGE<br>HARVESTED |        | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |            |
|---------------------------|--------------------|--------|----------------------|--------|-----------------------------|------|------------|------------|
|                           | 1984               | 1985   | 1984                 | 1985   | 1984                        | 1985 | 1984       | 1985       |
|                           | -ACRES-            |        | -ACRES-              |        | -CWT-                       |      | -CWT-      |            |
| CLAY                      | 8,600              | 7,900  | 8,000                | 6,400  | 140                         | 165  | 1,120,000  | 1,056,000  |
| KITTSOON                  | 5,300              | 5,700  | 5,000                | 2,600  | 140                         | 115  | 700,000    | 299,000    |
| MARSHALL                  | 11,300             | 11,800 | 10,800               | 9,000  | 140                         | 130  | 1,512,000  | 1,170,000  |
| NORMAN                    | 1,500              | 1,700  | 1,300                | 1,600  | 125                         | 130  | 162,500    | 208,000    |
| POLK                      | 27,600             | 26,700 | 26,500               | 26,200 | 160                         | 180  | 4,240,000  | 4,716,000  |
| <u>NORTHWEST</u>          |                    |        |                      |        |                             |      |            |            |
| LAKE OF THE WOODS         | 700                | 600    | 600                  | 300    | 190                         | 120  | 114,000    | 36,000     |
| WILKIN                    | 1,000              | 900    | 1,000                | 800    | 145                         | 155  | 145,000    | 124,000    |
| SHERBURNE                 | 3,000              | 4,300  | 2,800                | 4,200  | 310                         | 290  | 868,000    | 1,218,000  |
| ANOKA                     | 600                | 800    | 500                  | 700    | 230                         | 230  | 115,000    | 161,000    |
| HENNEPIN                  | 800                | 800    | 700                  | 800    | 290                         | 275  | 203,000    | 220,000    |
| FREEBORN                  | 4,400              | 4,200  | 4,100                | 4,100  | 220                         | 210  | 902,000    | 861,000    |
| OTHER COUNTIES            | 18,500             | 19,800 | 17,200               | 18,800 | 312                         | 312  | 5,373,500  | 5,864,000  |
| <u>SEL. COUNTIES</u>      |                    |        |                      |        |                             |      |            |            |
| MINNESOTA                 | 83,300             | 85,200 | 78,500               | 75,500 | 197                         | 211  | 15,455,000 | 15,933,000 |

**SUGARBEETS: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |         | ACREAGE<br>HARVESTED |         | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |           |
|---------------------------|--------------------|---------|----------------------|---------|-----------------------------|------|------------|-----------|
|                           | 1984               | 1985    | 1984                 | 1985    | 1984                        | 1985 | 1984       | 1985      |
|                           | -ACRES-            |         | -ACRES-              |         | -TONS-                      |      | -TONS-     |           |
| CLAY                      | 42,800             | 42,700  | 42,400               | 42,700  | 16.0                        | 17.1 | 677,400    | 728,200   |
| KITTSOON                  | 13,600             | 14,800  | 13,500               | 14,800  | 14.3                        | 15.1 | 193,600    | 223,400   |
| MARSHALL                  | 19,300             | 20,500  | 19,300               | 20,400  | 15.0                        | 16.0 | 290,000    | 326,700   |
| NORMAN                    | 24,700             | 24,900  | 24,000               | 24,600  | 17.2                        | 17.9 | 412,400    | 441,500   |
| POLK                      | 72,500             | 75,900  | 72,400               | 75,800  | 16.5                        | 17.5 | 1,193,500  | 1,328,600 |
| <u>NORTHWEST</u>          |                    |         |                      |         |                             |      |            |           |
| CHIPPEWA                  | 17,700             | 19,400  | 16,700               | 19,200  | 18.3                        | 23.3 | 305,500    | 446,700   |
| GRANT                     | 6,400              | 7,900   | 5,300                | 7,700   | 16.4                        | 19.3 | 103,600    | 148,400   |
| LAC QUI PARLE             | 1,300              | 600     | 1,200                | 600     | 15.3                        | 23.0 | 18,400     | 13,800    |
| OTTER TAIL                | 1,500              | 1,800   | 1,400                | 1,700   | 18.9                        | 20.0 | 26,400     | 34,000    |
| STEVENS                   | 600                | 600     | 600                  | 600     | 20.3                        | 22.8 | 12,200     | 13,700    |
| SWIFT                     | 4,000              | 4,300   | 3,600                | 4,200   | 14.6                        | 19.5 | 52,500     | 81,800    |
| TRAVERSE                  | 5,400              | 4,900   | 5,300                | 4,900   | 15.0                        | 21.1 | 79,700     | 103,300   |
| WILKIN                    | 23,500             | 23,800  | 23,300               | 23,700  | 17.1                        | 19.2 | 397,700    | 455,800   |
| YELLOW MED                | 1,200              | 1,300   | 1,100                | 1,300   | 15.0                        | 23.8 | 16,500     | 30,900    |
| <u>WEST CENTRAL</u>       |                    |         |                      |         |                             |      |            |           |
| KANDIYOHI                 | 5,700              | 4,500   | 5,500                | 4,400   | 18.2                        | 22.3 | 100,300    | 97,900    |
| MEEKER                    | 1,000              | 600     | 900                  | 500     | 17.4                        | 21.0 | 15,700     | 10,500    |
| RENVILLE                  | 20,500             | 26,000  | 19,700               | 25,500  | 18.1                        | 21.1 | 357,300    | 538,200   |
| SIBLEY                    | 1,800              | 700     | 1,700                | 700     | 15.2                        | 21.9 | 25,800     | 15,300    |
| REDWOOD                   | 1,600              | 1,900   | 1,300                | 1,800   | 14.7                        | 19.0 | 19,100     | 34,200    |
| OTHER COUNTIES            | 2,900              | 900     | 2,800                | 900     | 15.1                        | 16.8 | 42,400     | 15,100    |
| <u>SEL. COUNTIES</u>      |                    |         |                      |         |                             |      |            |           |
| MINNESOTA                 | 268,000            | 278,000 | 263,000              | 276,000 | 16.5                        | 18.4 | 4,340,000  | 5,088,000 |

**ALL HAY: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>HARVESTED |         | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |           |
|---------------------------|----------------------|---------|-----------------------------|------|------------|-----------|
|                           | 1984                 | 1985    | 1984                        | 1985 | 1984       | 1985      |
|                           | - ACRES -            |         | - ACRES -                   |      | - TONS -   |           |
| BECKER                    | 55,500               | 53,200  | 2.6                         | 3.2  | 144,000    | 172,800   |
| CLAY                      | 18,200               | 18,300  | 2.3                         | 3.3  | 42,300     | 60,000    |
| CLEARWATER                | 47,600               | 47,700  | 2.2                         | 2.0  | 104,500    | 97,300    |
| KITTSO                    | 12,600               | 12,200  | 2.6                         | 2.0  | 32,300     | 24,900    |
| MAHNO                     | 19,700               | 18,700  | 3.1                         | 3.3  | 60,400     | 62,100    |
| MARSHALL                  | 31,600               | 31,100  | 2.5                         | 2.3  | 78,800     | 72,200    |
| NORMAN                    | 17,600               | 16,800  | 3.0                         | 2.9  | 52,300     | 48,300    |
| PENNINGTON                | 22,700               | 22,300  | 2.3                         | 2.2  | 51,100     | 49,800    |
| POLK                      | 41,700               | 41,800  | 2.8                         | 3.5  | 117,800    | 144,300   |
| RED LAKE                  | 17,900               | 18,000  | 2.9                         | 2.8  | 51,100     | 50,700    |
| ROSEAU                    | 61,100               | 61,900  | 2.2                         | 2.5  | 135,800    | 156,000   |
| <u>NORTHWEST</u>          | 346,200              | 342,000 | 2.5                         | 2.7  | 870,400    | 938,400   |
| BELTRAMI                  | 51,500               | 51,600  | 2.4                         | 1.6  | 124,000    | 82,400    |
| CASS                      | 48,200               | 48,300  | 1.6                         | 1.4  | 77,700     | 67,900    |
| HUBBARD                   | 32,400               | 31,300  | 1.4                         | 1.6  | 45,600     | 49,100    |
| ITASCA                    | 48,000               | 47,700  | 2.0                         | 1.6  | 97,200     | 77,300    |
| KOOCHICHING               | 25,800               | 25,600  | 1.7                         | 1.6  | 42,600     | 41,400    |
| LAKE OF THE WOODS         | 16,700               | 16,300  | 2.4                         | 1.5  | 40,500     | 25,200    |
| <u>NORTH CENTRAL</u>      | 222,600              | 220,800 | 1.9                         | 1.6  | 427,600    | 343,300   |
| COOK                      | 700                  | 700     | 1.1                         | 1.9  | 800        | 1,300     |
| LAKE                      | 2,900                | 1,900   | 1.6                         | 1.4  | 3,100      | 2,600     |
| ST LOUIS                  | 70,600               | 71,000  | 1.8                         | 1.4  | 127,400    | 100,600   |
| <u>NORTHEAST</u>          | 73,300               | 73,600  | 1.8                         | 1.4  | 131,300    | 104,500   |
| BIG STONE                 | 10,700               | 9,600   | 3.6                         | 3.8  | 38,000     | 36,100    |
| CHIPPewa                  | 8,700                | 8,000   | 3.8                         | 3.6  | 33,200     | 29,000    |
| DOUGLAS                   | 39,800               | 40,300  | 3.4                         | 3.0  | 134,000    | 122,500   |
| GRANT                     | 10,200               | 9,800   | 3.4                         | 4.2  | 34,400     | 40,800    |
| LAC QUI PARLE             | 13,600               | 12,900  | 3.3                         | 3.2  | 45,400     | 41,100    |
| OTTER TAIL                | 171,800              | 167,700 | 2.9                         | 3.5  | 490,100    | 593,200   |
| POPE                      | 29,000               | 26,200  | 3.4                         | 3.1  | 97,400     | 81,600    |
| STEVENS                   | 8,000                | 7,300   | 4.3                         | 4.1  | 34,500     | 30,200    |
| SWIFT                     | 14,300               | 13,200  | 3.2                         | 3.1  | 45,900     | 40,600    |
| TRAVERSE                  | 7,000                | 6,900   | 2.9                         | 4.1  | 20,000     | 28,300    |
| WILKIN                    | 11,700               | 11,100  | 2.5                         | 2.4  | 29,400     | 26,200    |
| YELLOW MEDICINE           | 14,500               | 13,000  | 4.0                         | 3.7  | 57,600     | 48,200    |
| <u>WEST CENTRAL</u>       | 339,300              | 326,000 | 3.1                         | 3.4  | 1,059,900  | 1,117,800 |
| BENTON                    | 39,300               | 36,900  | 3.3                         | 2.7  | 128,500    | 100,600   |
| CARVER                    | 33,400               | 30,100  | 4.2                         | 3.8  | 140,800    | 115,500   |
| KANDIYOH                  | 28,200               | 27,500  | 3.6                         | 3.2  | 101,600    | 88,900    |
| MCLEOD                    | 23,900               | 22,900  | 3.7                         | 3.7  | 87,900     | 84,100    |
| MEEKER                    | 27,100               | 24,900  | 3.4                         | 3.5  | 92,400     | 86,700    |
| MORRISON                  | 86,600               | 84,300  | 2.5                         | 3.1  | 219,300    | 257,300   |
| RENVILLE                  | 11,300               | 11,400  | 3.9                         | 3.7  | 43,800     | 41,900    |
| SCOTT                     | 21,900               | 22,700  | 3.5                         | 3.7  | 75,800     | 84,300    |
| SHERBURNE                 | 17,500               | 17,200  | 3.1                         | 2.2  | 54,100     | 38,000    |
| SIBLEY                    | 22,800               | 21,200  | 3.8                         | 4.0  | 86,700     | 85,100    |
| STEARNS                   | 138,800              | 130,200 | 3.3                         | 3.3  | 464,700    | 434,300   |
| TODD                      | 90,600               | 93,700  | 2.9                         | 2.8  | 262,000    | 266,000   |
| WADENA                    | 55,500               | 54,900  | 2.0                         | 2.5  | 108,400    | 136,900   |
| WRIGHT                    | 52,200               | 51,500  | 3.4                         | 3.4  | 175,500    | 173,900   |
| <u>CENTRAL</u>            | 649,100              | 629,400 | 3.1                         | 3.2  | 2,041,500  | 1,993,500 |

**ALL HAY: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA (CONT'D)**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>HARVESTED |           | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |           |
|---------------------------|----------------------|-----------|-----------------------------|------|------------|-----------|
|                           | 1984                 | 1985      | 1984                        | 1985 | 1984       | 1985      |
|                           | - ACRES -            |           | - ACRES -                   |      | - TONS -   |           |
| AITKIN                    | 70,700               | 70,700    | 1.8                         | 2.5  | 128,000    | 174,800   |
| ANOKA                     | 13,700               | 13,100    | 2.4                         | 2.5  | 33,000     | 33,400    |
| CARLTON                   | 54,700               | 55,100    | 1.9                         | 1.8  | 104,800    | 99,500    |
| CHISAGO                   | 28,100               | 27,300    | 3.4                         | 3.1  | 96,100     | 85,300    |
| CROW WING                 | 31,600               | 32,400    | 1.9                         | 1.8  | 61,300     | 59,600    |
| HENNEPIN                  | 21,800               | 21,300    | 3.2                         | 3.0  | 69,100     | 64,400    |
| ISANTI                    | 23,900               | 23,600    | 3.2                         | 3.1  | 75,700     | 72,900    |
| KANABEC                   | 45,200               | 43,600    | 2.7                         | 2.3  | 124,000    | 101,800   |
| MILLE LACS                | 45,200               | 42,200    | 3.0                         | 2.9  | 136,600    | 123,800   |
| PINE                      | 89,100               | 88,200    | 2.4                         | 2.0  | 217,800    | 177,900   |
| RAMSEY                    | 1,100                | 1,100     | 2.8                         | 2.9  | 3,100      | 3,200     |
| WASHINGTON                | 23,500               | 21,600    | 3.5                         | 3.2  | 82,600     | 68,100    |
| <u>EAST CENTRAL</u>       | 448,600              | 440,200   | 2.5                         | 2.4  | 1,132,100  | 1,064,700 |
| COTTONWOOD                | 10,800               | 10,800    | 4.6                         | 4.3  | 50,100     | 45,900    |
| JACKSON                   | 7,900                | 7,500     | 3.7                         | 3.7  | 28,900     | 27,700    |
| LINCOLN                   | 25,600               | 24,100    | 3.2                         | 3.4  | 82,300     | 82,000    |
| LYON                      | 19,300               | 18,900    | 3.3                         | 3.0  | 63,500     | 56,800    |
| MURRAY                    | 18,900               | 18,900    | 3.8                         | 3.2  | 71,200     | 61,400    |
| NOBLES                    | 15,900               | 14,200    | 4.0                         | 3.1  | 63,700     | 43,400    |
| PIPESTONE                 | 20,600               | 19,100    | 3.6                         | 3.3  | 74,800     | 62,500    |
| REDWOOD                   | 12,800               | 12,200    | 3.4                         | 3.9  | 43,300     | 48,000    |
| ROCK                      | 16,000               | 14,400    | 3.8                         | 3.5  | 60,300     | 50,900    |
| <u>SOUTHWEST</u>          | 147,800              | 140,100   | 3.6                         | 3.4  | 538,100    | 478,600   |
| BLUE EARTH                | 6,600                | 5,700     | 3.4                         | 3.2  | 22,500     | 18,100    |
| BROWN                     | 15,400               | 14,600    | 3.8                         | 4.4  | 58,600     | 63,800    |
| FARIBAULT                 | 5,800                | 5,600     | 3.4                         | 4.1  | 20,000     | 23,100    |
| FREEBORN                  | 12,200               | 11,200    | 3.7                         | 3.9  | 45,500     | 43,900    |
| LESUEUR                   | 15,700               | 15,600    | 3.3                         | 3.3  | 51,400     | 52,100    |
| MARTIN                    | 8,700                | 8,300     | 4.0                         | 4.2  | 34,800     | 34,500    |
| NICOLLET                  | 10,300               | 9,900     | 4.5                         | 3.7  | 46,500     | 36,500    |
| RICE                      | 26,500               | 25,100    | 4.3                         | 3.4  | 114,600    | 85,800    |
| STEELE                    | 13,400               | 11,900    | 4.1                         | 3.5  | 55,300     | 41,800    |
| WASECA                    | 8,800                | 8,600     | 4.2                         | 4.2  | 37,100     | 36,300    |
| WATONWAN                  | 5,100                | 5,000     | 3.9                         | 3.3  | 19,700     | 16,400    |
| <u>SOUTH CENTRAL</u>      | 128,500              | 121,500   | 3.9                         | 3.7  | 506,000    | 452,300   |
| DAKOTA                    | 20,800               | 20,100    | 3.7                         | 3.3  | 76,600     | 65,600    |
| DODGE                     | 21,600               | 21,400    | 4.0                         | 3.3  | 87,300     | 70,100    |
| FILLMORE                  | 77,300               | 73,000    | 3.9                         | 3.4  | 299,700    | 249,000   |
| GOODHUE                   | 65,700               | 66,100    | 3.8                         | 3.6  | 249,800    | 240,100   |
| HOUSTON                   | 58,800               | 55,900    | 3.8                         | 3.4  | 224,100    | 190,400   |
| MOWER                     | 21,200               | 19,500    | 3.7                         | 3.6  | 78,000     | 70,300    |
| OLMSTED                   | 53,500               | 54,300    | 3.8                         | 3.8  | 203,700    | 206,000   |
| WABASHA                   | 58,300               | 56,800    | 4.2                         | 3.5  | 245,000    | 196,300   |
| WINONA                    | 67,400               | 64,300    | 4.0                         | 3.5  | 268,900    | 222,100   |
| <u>SOUTHEAST</u>          | 444,600              | 431,400   | 3.9                         | 3.5  | 1,733,100  | 1,509,900 |
| MINNESOTA                 | 2,800,000            | 2,725,000 | 3.0                         | 2.9  | 8,440,000  | 8,003,000 |

# **ALFALFA HAY: ACREAGE, YIELD, AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE   |         | YIELD PER |      | PRODUCTION |           |
|---------------------------|-----------|---------|-----------|------|------------|-----------|
|                           | 1984      | 1985    | 1984      | 1985 | 1984       | 1985      |
|                           | - ACRES - |         | - TONS -  |      | - TONS -   |           |
| BECKER                    | 41,400    | 39,300  | 2.8       | 3.7  | 116,600    | 144,400   |
| CLAY                      | 14,100    | 14,200  | 2.5       | 3.8  | 34,800     | 54,300    |
| CLEARWATER                | 34,400    | 34,500  | 2.4       | 2.2  | 82,100     | 76,800    |
| KITTSO                    | 8,800     | 8,400   | 3.2       | 2.3  | 27,800     | 19,300    |
| MAHNOMEN                  | 17,900    | 17,000  | 3.2       | 3.5  | 57,900     | 59,400    |
| MARSHALL                  | 24,100    | 23,600  | 2.6       | 2.5  | 61,700     | 58,700    |
| NORMAN                    | 14,300    | 13,600  | 3.3       | 3.2  | 46,500     | 43,800    |
| PENNINGTON                | 16,300    | 16,000  | 2.5       | 2.5  | 40,200     | 39,200    |
| POLK                      | 26,600    | 26,800  | 3.0       | 4.2  | 80,400     | 111,300   |
| RED LAKE                  | 12,000    | 12,200  | 3.5       | 3.1  | 41,400     | 38,200    |
| ROSEAU                    | 40,900    | 41,900  | 2.4       | 2.7  | 100,200    | 112,000   |
| <u>NORTHWEST</u>          | 250,800   | 247,500 | 2.7       | 3.1  | 689,600    | 757,400   |
| BELTRAMI                  | 32,300    | 32,600  | 2.8       | 1.8  | 89,100     | 59,200    |
| CASS                      | 12,600    | 12,300  | 2.4       | 1.6  | 30,100     | 20,100    |
| HUBBARD                   | 14,100    | 12,700  | 1.9       | 2.1  | 26,200     | 26,700    |
| ITASCA                    | 12,500    | 12,400  | 2.1       | 2.1  | 25,700     | 26,400    |
| KOOCHICING                | 8,800     | 8,800   | 1.7       | 1.5  | 15,100     | 13,000    |
| LAKE OF THE WOODS         | 10,900    | 10,600  | 2.9       | 1.6  | 31,800     | 17,000    |
| <u>NORTH CENTRAL</u>      | 91,200    | 89,400  | 2.4       | 1.8  | 218,000    | 162,400   |
| ST LOUIS                  | 7,400     | 7,700   | 2.9       | 1.8  | 21,600     | 13,700    |
| OTHER COUNTIES            | 200       | 200     | 2.5       | 2.0  | 500        | 400       |
| <u>NORTHEAST</u>          | 7,600     | 7,900   | 2.9       | 1.8  | 22,100     | 14,100    |
| BIG STONE                 | 8,100     | 7,200   | 4.2       | 4.2  | 34,400     | 30,500    |
| CHIPPEWA                  | 7,400     | 6,700   | 4.0       | 3.9  | 29,300     | 26,100    |
| DOUGLAS                   | 33,100    | 33,500  | 3.6       | 3.2  | 118,000    | 107,200   |
| GRANT                     | 8,500     | 8,000   | 3.6       | 4.4  | 30,200     | 35,400    |
| LAC QUI PARLE             | 9,600     | 9,100   | 4.0       | 3.7  | 38,400     | 33,700    |
| OTTER TAIL                | 134,700   | 130,900 | 3.0       | 3.5  | 402,300    | 457,200   |
| POPE                      | 23,900    | 21,000  | 3.5       | 3.4  | 83,900     | 70,600    |
| STEVENS                   | 7,200     | 6,500   | 4.5       | 4.4  | 32,400     | 28,400    |
| SWIFT                     | 10,100    | 9,100   | 3.5       | 3.5  | 35,400     | 31,400    |
| TRAVERSE                  | 6,100     | 6,100   | 2.9       | 4.4  | 17,500     | 26,800    |
| WILKIN                    | 6,800     | 6,400   | 2.9       | 2.8  | 19,600     | 18,100    |
| YELLOW MEDICINE           | 9,800     | 8,200   | 4.2       | 3.6  | 41,200     | 29,500    |
| <u>WEST CENTRAL</u>       | 265,300   | 252,700 | 3.3       | 3.6  | 882,600    | 894,900   |
| BENTON                    | 24,300    | 21,300  | 3.5       | 3.0  | 85,700     | 64,700    |
| CARVER                    | 29,100    | 25,600  | 4.4       | 4.1  | 127,900    | 103,800   |
| KANDIYOHI                 | 24,500    | 23,500  | 3.8       | 3.4  | 93,100     | 80,900    |
| MCLEOD                    | 19,800    | 18,600  | 3.9       | 4.0  | 76,300     | 74,000    |
| MEEKER                    | 22,900    | 20,600  | 3.6       | 3.7  | 83,500     | 76,300    |
| MORRISON                  | 52,000    | 49,100  | 2.8       | 3.4  | 146,900    | 166,800   |
| RENVILLE                  | 9,100     | 9,200   | 4.0       | 3.9  | 36,300     | 35,700    |
| SCOTT                     | 19,100    | 19,700  | 3.5       | 3.7  | 67,600     | 72,600    |
| SHERBURNE                 | 13,800    | 13,400  | 3.2       | 2.3  | 43,700     | 30,400    |
| SIBLEY                    | 19,200    | 17,300  | 4.0       | 4.4  | 77,400     | 76,900    |
| STEARNS                   | 113,000   | 104,400 | 3.5       | 3.5  | 390,300    | 364,000   |
| TODD                      | 67,200    | 70,000  | 3.0       | 2.9  | 202,100    | 206,000   |
| WADENA                    | 28,600    | 27,900  | 2.5       | 3.0  | 72,000     | 83,900    |
| WRIGHT                    | 44,500    | 43,600  | 3.6       | 3.6  | 158,200    | 157,000   |
| <u>CENTRAL</u>            | 487,100   | 464,200 | 3.4       | 3.4  | 1,661,000  | 1,593,000 |

**ALFALFA HAY: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA (CONT'D)**

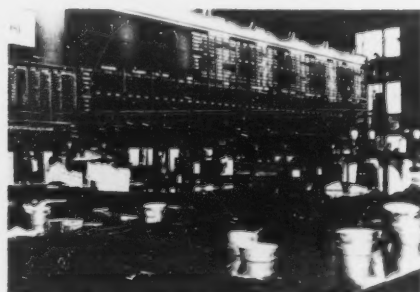
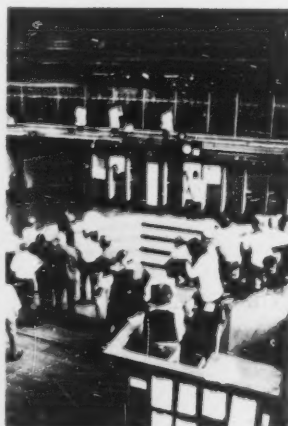
| *<br>DISTRICT<br>*<br>AND<br>*<br>COUNTY | *<br>ACREAGE<br>*<br>HARVESTED<br>* |           | *<br>YIELD PER<br>*<br>HARVESTED ACRE<br>* |      | *<br>PRODUCTION<br>* |           |
|------------------------------------------|-------------------------------------|-----------|--------------------------------------------|------|----------------------|-----------|
|                                          | 1984                                | 1985      | 1984                                       | 1985 | 1984                 | 1985      |
| *****                                    |                                     |           |                                            |      |                      |           |
|                                          | - ACRES -                           |           | - TONS -                                   |      | - TONS -             |           |
| AITKIN                                   | 11,700                              | 10,400    | 2.0                                        | 2.2  | 23,400               | 22,700    |
| ANOKA                                    | 9,700                               | 9,000     | 2.5                                        | 2.8  | 24,300               | 25,200    |
| CARLTON                                  | 15,000                              | 14,500    | 2.0                                        | 1.8  | 29,500               | 26,400    |
| CHISAGO                                  | 19,600                              | 18,700    | 3.7                                        | 3.3  | 72,200               | 62,100    |
| CROW WING                                | 10,100                              | 10,300    | 2.9                                        | 2.4  | 29,300               | 24,500    |
| HENNEPIN                                 | 19,000                              | 18,300    | 3.3                                        | 3.1  | 63,000               | 57,600    |
| ISANTI                                   | 17,100                              | 16,600    | 3.0                                        | 3.4  | 51,800               | 55,700    |
| KANABEC                                  | 21,100                              | 19,200    | 2.9                                        | 2.8  | 62,200               | 54,600    |
| MILLE LACS                               | 20,900                              | 19,300    | 3.5                                        | 3.4  | 72,200               | 66,100    |
| PINE                                     | 32,400                              | 31,200    | 3.3                                        | 2.3  | 106,400              | 70,200    |
| RAMSEY                                   | 800                                 | 800       | 2.8                                        | 2.9  | 2,200                | 2,300     |
| WASHINGTON                               | 20,200                              | 18,600    | 3.5                                        | 3.2  | 71,400               | 60,100    |
| <u>EAST CENTRAL</u>                      | 197,600                             | 186,900   | 3.1                                        | 2.8  | 607,900              | 527,500   |
| COTTONWOOD                               | 9,800                               | 9,800     | 4.8                                        | 4.4  | 47,100               | 43,400    |
| JACKSON                                  | 5,900                               | 5,800     | 4.0                                        | 4.1  | 23,600               | 24,000    |
| LINCOLN                                  | 20,300                              | 19,100    | 3.4                                        | 3.7  | 69,200               | 71,300    |
| LYON                                     | 14,000                              | 13,700    | 3.7                                        | 3.2  | 51,800               | 43,900    |
| MURRAY                                   | 16,700                              | 16,800    | 3.9                                        | 3.5  | 65,300               | 58,700    |
| NOBLES                                   | 13,300                              | 11,700    | 4.2                                        | 3.1  | 55,900               | 36,100    |
| PIPESTONE                                | 15,600                              | 14,000    | 3.9                                        | 3.4  | 61,500               | 48,100    |
| REDWOOD                                  | 10,200                              | 9,900     | 3.6                                        | 4.3  | 36,300               | 42,200    |
| ROCK                                     | 12,000                              | 10,800    | 4.1                                        | 3.8  | 49,700               | 41,000    |
| <u>SOUTHWEST</u>                         | 117,800                             | 111,600   | 3.9                                        | 3.7  | 460,400              | 408,700   |
| BLUE EARTH                               | 5,400                               | 4,700     | 3.7                                        | 3.1  | 20,100               | 14,700    |
| BROWN                                    | 14,500                              | 13,500    | 3.9                                        | 4.5  | 56,800               | 60,100    |
| FARIBAULT                                | 4,400                               | 4,100     | 3.9                                        | 4.4  | 17,100               | 18,200    |
| FREEBORN                                 | 10,300                              | 9,500     | 3.9                                        | 4.2  | 40,000               | 39,800    |
| LESUEUR                                  | 13,400                              | 13,100    | 3.4                                        | 3.5  | 45,400               | 46,000    |
| MARTIN                                   | 6,300                               | 6,300     | 4.2                                        | 4.5  | 26,400               | 28,100    |
| NICOLLET                                 | 9,300                               | 8,700     | 4.7                                        | 3.7  | 43,500               | 32,200    |
| RICE                                     | 23,900                              | 22,200    | 4.5                                        | 3.4  | 107,200              | 76,200    |
| STEELE                                   | 11,900                              | 10,600    | 4.3                                        | 3.7  | 50,800               | 39,100    |
| WASECA                                   | 7,600                               | 7,600     | 4.4                                        | 4.3  | 33,400               | 32,500    |
| WATONWAN                                 | 3,800                               | 3,700     | 4.5                                        | 3.5  | 17,100               | 13,100    |
| <u>SOUTH CENTRAL</u>                     | 110,800                             | 104,000   | 4.1                                        | 3.8  | 457,800              | 400,000   |
| DAKOTA                                   | 16,200                              | 15,700    | 3.8                                        | 3.2  | 61,200               | 50,200    |
| DODGE                                    | 18,000                              | 18,200    | 4.2                                        | 3.3  | 75,900               | 60,500    |
| FILLMORE                                 | 64,300                              | 60,700    | 4.0                                        | 3.4  | 254,000              | 205,100   |
| GOODHUE                                  | 59,400                              | 60,000    | 3.8                                        | 3.7  | 225,900              | 220,500   |
| HOUSTON                                  | 51,500                              | 48,400    | 3.8                                        | 3.4  | 195,700              | 164,900   |
| MOWER                                    | 18,400                              | 16,600    | 3.8                                        | 3.8  | 69,600               | 62,400    |
| OLMSTED                                  | 42,500                              | 43,800    | 3.8                                        | 3.7  | 159,700              | 160,500   |
| WABASHA                                  | 51,200                              | 49,500    | 4.2                                        | 3.3  | 214,400              | 162,200   |
| WINONA                                   | 50,300                              | 47,900    | 4.1                                        | 3.7  | 204,200              | 178,700   |
| <u>SOUTHEAST</u>                         | 371,800                             | 360,800   | 3.9                                        | 3.5  | 1,460,600            | 1,265,000 |
| MINNESOTA                                | 1,900,000                           | 1,825,000 | 3.4                                        | 3.3  | 6,460,000            | 6,023,000 |

**DRY EDIBLE BEANS: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | * ACREAGE<br>* PLANTED |        | * ACREAGE<br>* HARVESTED |        | * YIELD PER<br>* HARVESTED ACRE |       | * PRODUCTION |         |
|---------------------------|------------------------|--------|--------------------------|--------|---------------------------------|-------|--------------|---------|
|                           | * 1984                 | 1985   | * 1984                   | 1985   | * 1984                          | 1985  | * 1984       | 1985    |
| *****                     |                        |        |                          |        |                                 |       |              |         |
|                           | - ACRES -              |        |                          |        | - POUNDS -                      |       | - CWT -      |         |
| BECKER                    | 1,100                  | 1,600  | 900                      | 1,400  | 840                             | 1,200 | 7,600        | 16,800  |
| CLAY                      | 2,200                  | 3,300  | 2,100                    | 2,300  | 1,030                           | 1,140 | 21,600       | 26,200  |
| KITTSO                    | 600                    | 500    | 600                      | 300    | 1,180                           | 1,400 | 7,100        | 4,200   |
| MARSHALL                  | 5,300                  | 9,200  | 5,100                    | 8,600  | 1,390                           | 1,290 | 71,100       | 110,900 |
| NORMAN                    | 500                    | 1,000  | 500                      | 700    | 1,160                           | 800   | 5,800        | 5,600   |
| PENNINGTON                | 0                      | 500    | 0                        | 100    | 0                               | 800   | 0            | 800     |
| POLK                      | 6,400                  | 12,500 | 6,300                    | 11,900 | 1,530                           | 1,260 | 96,700       | 149,900 |
| OTHER COUNTIES            | 100                    | 200    | 100                      | 0      | 1,100                           | 0     | 1,100        | 0       |
| <u>NORTHWEST</u>          | 16,200                 | 28,800 | 15,600                   | 25,300 | 1,350                           | 1,240 | 211,000      | 314,400 |
| CASS                      | 700                    | 800    | 700                      | 700    | 1,130                           | 1,200 | 7,900        | 8,400   |
| HUBBARD                   | 4,400                  | 4,500  | 4,200                    | 4,300  | 930                             | 1,590 | 39,000       | 68,400  |
| <u>NORTH CENTRAL</u>      | 5,100                  | 5,300  | 4,900                    | 5,000  | 960                             | 1,540 | 46,900       | 76,800  |
| CHIPPEWA                  | 1,000                  | 700    | 900                      | 700    | 1,230                           | 1,710 | 11,100       | 12,000  |
| DOUGLAS                   | 600                    | 500    | 600                      | 500    | 1,270                           | 1,340 | 7,600        | 6,700   |
| GRANT                     | 4,200                  | 4,000  | 4,000                    | 3,700  | 1,530                           | 1,610 | 61,200       | 59,600  |
| LAC QUI PARLE             | 500                    | 600    | 500                      | 600    | 1,260                           | 1,420 | 6,300        | 8,500   |
| OTTER TAIL                | 6,000                  | 6,700  | 5,700                    | 6,300  | 1,590                           | 1,420 | 90,600       | 89,500  |
| STEVENS                   | 700                    | 1,100  | 700                      | 1,000  | 1,900                           | 1,510 | 13,300       | 15,100  |
| SWIFT                     | 2,000                  | 2,400  | 1,900                    | 2,200  | 1,540                           | 1,620 | 29,200       | 35,600  |
| TRAVERSE                  | 700                    | 1,000  | 700                      | 800    | 1,130                           | 1,450 | 7,900        | 11,600  |
| WILKIN                    | 600                    | 600    | 600                      | 600    | 980                             | 1,050 | 5,900        | 6,300   |
| YELLOW MEDICINE           | 1,600                  | 1,800  | 1,500                    | 1,700  | 960                             | 1,610 | 14,400       | 27,400  |
| OTHER COUNTIES            | 800                    | 800    | 800                      | 800    | 1,740                           | 1,810 | 13,900       | 14,500  |
| <u>WEST CENTRAL</u>       | 18,700                 | 20,200 | 17,900                   | 18,900 | 1,460                           | 1,520 | 261,400      | 286,800 |
| BENTON                    | 800                    | 1,800  | 800                      | 1,700  | 2,000                           | 1,620 | 16,000       | 27,500  |
| KANDIYOH                  | 700                    | 900    | 700                      | 900    | 1,330                           | 1,240 | 9,300        | 11,200  |
| MORRISON                  | 1,100                  | 1,200  | 1,100                    | 1,200  | 2,000                           | 1,490 | 22,000       | 17,900  |
| RENVILLE                  | 4,000                  | 4,700  | 3,800                    | 4,200  | 1,490                           | 1,610 | 56,800       | 67,600  |
| SHERBURNE                 | 700                    | 400    | 700                      | 400    | 1,940                           | 1,550 | 13,600       | 6,200   |
| TODD                      | 600                    | 600    | 600                      | 600    | 1,430                           | 1,470 | 8,600        | 8,800   |
| WADENA                    | 1,100                  | 1,200  | 1,000                    | 1,100  | 1,170                           | 1,260 | 11,700       | 13,900  |
| OTHER COUNTIES            | 600                    | 800    | 600                      | 800    | 1,600                           | 1,500 | 9,600        | 12,000  |
| <u>CENTRAL</u>            | 9,600                  | 11,600 | 9,300                    | 10,900 | 1,590                           | 1,510 | 147,600      | 165,100 |
| <u>EAST CENTRAL</u>       | 0                      | 100    | 0                        | 100    | 0                               | 1,000 | 0            | 1,000   |
| REDWOOD                   | 600                    | 600    | 600                      | 600    | 1,480                           | 1,650 | 8,900        | 9,900   |
| OTHER COUNTIES            | 400                    | 300    | 300                      | 200    | 1,070                           | 1,400 | 3,200        | 2,800   |
| <u>SOUTHWEST</u>          | 1,000                  | 900    | 900                      | 800    | 1,340                           | 1,590 | 12,100       | 12,700  |
| <u>SOUTH CENTRAL</u>      | 600                    | 300    | 600                      | 300    | 1,430                           | 1,470 | 8,600        | 4,400   |
| <u>SOUTHEAST</u>          | 800                    | 800    | 800                      | 700    | 1,550                           | 970   | 12,400       | 6,800   |
| MINNESOTA                 | 52,000                 | 68,000 | 50,000                   | 62,000 | 1,400                           | 1,400 | 700,000      | 868,000 |

# **FLAX: ACREAGE, YIELD, AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |        | ACREAGE<br>HARVESTED |        | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |         |
|---------------------------|--------------------|--------|----------------------|--------|-----------------------------|------|------------|---------|
|                           | 1984               | 1985   | 1984                 | 1985   | 1984                        | 1985 | 1984       | 1985    |
| *****                     |                    |        |                      |        |                             |      |            |         |
|                           | - ACRES -          |        | - ACRES -            |        | - BUSHEL -                  |      | - BUSHEL - |         |
| BECKER                    | 1,000              | 1,500  | 900                  | 1,400  | 13.0                        | 20.0 | 11,700     | 28,000  |
| CLAY                      | 2,200              | 2,600  | 2,000                | 2,500  | 14.0                        | 21.0 | 28,000     | 52,500  |
| CLEARWATER                | 300                | 400    | 300                  | 400    | 15.0                        | 18.0 | 4,500      | 7,200   |
| KITTSON                   | 2,200              | 2,700  | 2,100                | 2,500  | 22.0                        | 24.0 | 46,200     | 60,000  |
| MAHONOMEN                 | 1,100              | 2,400  | 1,100                | 2,000  | 16.0                        | 15.0 | 17,600     | 30,000  |
| MARSHALL                  | 4,700              | 6,300  | 4,500                | 5,400  | 15.0                        | 24.0 | 67,500     | 129,600 |
| NORMAN                    | 400                | 600    | 400                  | 500    | 15.0                        | 20.0 | 6,000      | 10,000  |
| PENNINGTON                | 2,100              | 2,400  | 1,700                | 2,400  | 13.0                        | 19.0 | 22,100     | 45,600  |
| POLK                      | 2,200              | 2,900  | 2,100                | 2,400  | 16.0                        | 18.0 | 33,600     | 43,200  |
| RED LAKE                  | 800                | 1,200  | 700                  | 1,000  | 14.0                        | 24.0 | 9,800      | 24,000  |
| ROSEAU                    | 17,500             | 26,200 | 15,500               | 19,100 | 14.0                        | 18.0 | 217,500    | 343,800 |
| NORTHWEST                 | 34,500             | 49,200 | 31,300               | 39,600 | 14.8                        | 19.5 | 464,500    | 773,900 |
| BELTRAMI                  | 500                | 600    | 500                  | 500    | 13.0                        | 13.0 | 6,500      | 6,500   |
| LAKE OF THE WDS           | 2,500              | 1,800  | 2,200                | 1,500  | 12.0                        | 15.0 | 26,400     | 22,500  |
| OTHER COUNTIES            | 300                | 300    | 300                  | 300    | 12.0                        | 14.3 | 36,00      | 39,00   |
| NORTH CENTRAL             | 3,300              | 2,700  | 3,000                | 2,300  | 12.2                        | 14.3 | 36,500     | 32,900  |
| BIG STONE                 | 1,100              | 800    | 1,100                | 800    | 14.0                        | 25.0 | 15,400     | 20,000  |
| OTTER TAIL                | 1,200              | 1,300  | 1,100                | 1,300  | 16.0                        | 21.0 | 17,600     | 27,300  |
| TRAVERSE                  | 2,200              | 1,000  | 1,900                | 1,000  | 14.0                        | 18.0 | 26,600     | 18,000  |
| OTHER COUNTIES            | 2,800              | 200    | 2,800                | 200    | 14.3                        | 20.0 | 40,100     | 4,000   |
| WEST CENTRAL              | 7,300              | 3,300  | 6,900                | 3,300  | 14.4                        | 21.0 | 99,700     | 69,300  |
| LINCOLN                   | 2,500              | 2,900  | 1,900                | 2,900  | 13.0                        | 15.0 | 24,700     | 43,500  |
| PIPESTONE                 | 1,800              | 1,900  | 1,300                | 1,900  | 14.0                        | 16.0 | 18,200     | 30,400  |
| OTHER COUNTIES            | 600                | 0      | 600                  | 0      | 15.7                        | 0    | 94,000     | 0       |
| SOUTHWEST                 | 4,900              | 4,800  | 3,800                | 4,800  | 13.8                        | 15.4 | 52,300     | 73,900  |
| MINNESOTA                 | 50,000             | 60,000 | 45,000               | 50,000 | 14.5                        | 19.0 | 653,000    | 950,000 |



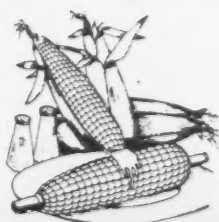
Minneapolis Grain Exchange:  
The World's Largest Cash Grain Market

# **RYE: ACREAGE, YIELD, AND PRODUCTION, BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |         | ACREAGE<br>HARVESTED |         | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION  |           |
|---------------------------|--------------------|---------|----------------------|---------|-----------------------------|------|-------------|-----------|
|                           | 1984               | 1985    | 1984                 | 1985    | 1984                        | 1985 | 1984        | 1985      |
|                           | - ACRES -          |         | - ACRES -            |         | - BUSHELS -                 |      | - BUSHELS - |           |
| BECKER                    | 4,600              | 1,900   | 4,300                | 1,600   | 35.0                        | 27.0 | 150,500     | 43,200    |
| CLAY                      | 7,000              | 2,800   | 6,600                | 2,400   | 42.0                        | 27.0 | 277,200     | 64,800    |
| CLEARWATER                | 2,000              | 800     | 1,900                | 600     | 42.0                        | 30.0 | 79,800      | 18,000    |
| KITSON                    | 4,300              | 1,700   | 4,200                | 1,300   | 36.0                        | 28.0 | 151,200     | 36,400    |
| MAHOMEN                   | 4,600              | 1,900   | 4,400                | 1,400   | 40.0                        | 20.0 | 176,000     | 28,000    |
| MARSHALL                  | 9,400              | 3,800   | 9,000                | 2,400   | 38.0                        | 22.0 | 342,000     | 52,800    |
| NORMAN                    | 4,300              | 1,700   | 4,200                | 1,400   | 45.0                        | 32.0 | 189,000     | 44,800    |
| PENNINGTON                | 3,000              | 1,200   | 2,900                | 1,000   | 31.0                        | 26.0 | 89,900      | 26,000    |
| POLK                      | 7,500              | 3,000   | 6,400                | 2,000   | 40.0                        | 30.0 | 256,000     | 60,000    |
| RED LAKE                  | 2,200              | 900     | 1,800                | 700     | 35.0                        | 25.0 | 63,000      | 17,500    |
| ROSEAU                    | 7,400              | 3,000   | 7,200                | 1,800   | 44.0                        | 29.0 | 316,800     | 52,200    |
| <u>NORTHWEST</u>          | 56,300             | 22,700  | 52,900               | 16,600  | 39.5                        | 26.7 | 2,091,400   | 443,700   |
| BELTRAMI                  | 600                | 600     | 600                  | 300     | 33.0                        | 30.0 | 19,800      | 9,000     |
| CASS                      | 500                | 500     | 400                  | 300     | 35.0                        | 25.0 | 14,000      | 7,500     |
| ITASCA                    | 700                | 600     | 600                  | 300     | 35.0                        | 26.0 | 21,000      | 7,800     |
| OTHER COUNTIES            | 1,200              | 1,100   | 1,100                | 500     | 32.5                        | 24.0 | 35,800      | 12,000    |
| <u>NORTH CENTRAL</u>      | 3,000              | 2,800   | 2,700                | 1,400   | 33.6                        | 25.9 | 90,600      | 36,300    |
| <u>NORTHEAST</u>          | 200                | 100     | 200                  | 100     | 36.0                        | 27.0 | 7,200       | 2,700     |
| BIG STONE                 | 9,300              | 7,200   | 7,800                | 5,800   | 44.0                        | 40.0 | 343,200     | 232,000   |
| CHIPPEWA                  | 1,100              | 800     | 900                  | 600     | 40.0                        | 32.0 | 36,000      | 19,200    |
| DOUGLAS                   | 7,700              | 5,900   | 7,200                | 4,700   | 48.0                        | 30.0 | 345,600     | 141,000   |
| GRANT                     | 3,300              | 2,500   | 3,200                | 1,800   | 48.0                        | 42.0 | 153,600     | 75,600    |
| LAC QUI PARLE             | 2,700              | 2,100   | 2,600                | 1,600   | 40.0                        | 34.0 | 104,000     | 54,400    |
| OTTER TAIL                | 13,400             | 10,300  | 12,300               | 6,800   | 40.0                        | 35.0 | 492,000     | 238,000   |
| POPE                      | 4,100              | 3,200   | 3,600                | 2,100   | 43.0                        | 27.0 | 154,800     | 56,700    |
| STEVENS                   | 3,500              | 2,700   | 3,400                | 2,200   | 40.0                        | 30.0 | 136,000     | 66,000    |
| SWIFT                     | 6,400              | 4,900   | 2,600                | 3,900   | 40.0                        | 32.0 | 104,000     | 124,800   |
| TRAVERSE                  | 6,600              | 5,100   | 6,000                | 3,800   | 42.0                        | 45.0 | 252,000     | 171,000   |
| WILKIN                    | 2,300              | 1,800   | 2,200                | 1,500   | 41.0                        | 45.0 | 90,200      | 67,500    |
| YELLOW MEDICINE           | 1,400              | 1,100   | 1,200                | 900     | 40.0                        | 40.0 | 48,000      | 36,000    |
| <u>WEST CENTRAL</u>       | 61,800             | 47,600  | 53,000               | 35,700  | 42.6                        | 35.9 | 2,259,400   | 1,282,200 |
| BENTON                    | 4,000              | 3,800   | 3,500                | 3,400   | 35.0                        | 25.0 | 122,500     | 85,000    |
| KANDIYOH                  | 1,500              | 1,500   | 1,300                | 1,200   | 40.0                        | 31.0 | 52,000      | 37,200    |
| MCLEOD                    | 1,100              | 1,100   | 900                  | 900     | 35.0                        | 31.0 | 31,500      | 27,900    |
| MEeker                    | 2,000              | 2,000   | 1,800                | 1,200   | 35.0                        | 28.0 | 63,000      | 33,600    |
| MORRISON                  | 3,400              | 3,300   | 3,000                | 2,800   | 32.0                        | 26.0 | 96,000      | 72,800    |
| RENVILLE                  | 600                | 900     | 600                  | 500     | 38.0                        | 30.0 | 22,800      | 15,000    |
| SCOTT                     | 1,700              | 1,700   | 1,700                | 1,400   | 35.0                        | 30.0 | 59,500      | 42,000    |
| SHERBURNE                 | 15,100             | 14,800  | 13,000               | 11,100  | 30.0                        | 24.0 | 390,000     | 266,400   |
| STEARNS                   | 4,900              | 4,800   | 4,400                | 4,300   | 32.0                        | 26.0 | 140,800     | 111,800   |
| TODD                      | 1,700              | 1,700   | 1,400                | 1,400   | 36.0                        | 25.0 | 50,400      | 35,000    |
| WADENA                    | 800                | 800     | 800                  | 600     | 35.0                        | 28.0 | 28,000      | 16,800    |
| WRIGHT                    | 2,500              | 2,400   | 2,100                | 1,900   | 35.0                        | 27.0 | 73,500      | 51,300    |
| OTHER COUNTIES            | 900                | 900     | 900                  | 700     | 34.4                        | 30.3 | 31,000      | 21,200    |
| <u>CENTRAL</u>            | 40,200             | 39,400  | 35,400               | 31,400  | 32.8                        | 26.0 | 1,161,000   | 816,000   |
| AITKIN                    | 1,900              | 1,600   | 1,700                | 1,500   | 32.0                        | 30.0 | 54,400      | 45,000    |
| ANOKA                     | 4,600              | 3,900   | 3,900                | 2,700   | 32.0                        | 28.0 | 124,800     | 75,600    |
| CARLTON                   | 700                | 600     | 700                  | 500     | 30.0                        | 20.0 | 21,000      | 10,000    |
| CHISAGO                   | 6,000              | 5,000   | 5,500                | 4,200   | 31.0                        | 26.0 | 170,500     | 109,200   |
| CROW WING                 | 700                | 600     | 600                  | 400     | 33.0                        | 28.0 | 19,800      | 11,200    |
| HENNEPIN                  | 1,200              | 1,000   | 700                  | 800     | 32.0                        | 32.0 | 22,400      | 25,600    |
| ISANTI                    | 8,100              | 6,800   | 6,700                | 6,000   | 33.0                        | 24.0 | 221,100     | 144,000   |
| KANABEC                   | 700                | 600     | 700                  | 500     | 34.0                        | 30.0 | 23,800      | 15,000    |
| PINE                      | 700                | 600     | 700                  | 600     | 34.0                        | 30.0 | 23,800      | 18,000    |
| WASHINGTON                | 600                | 500     | 600                  | 500     | 31.0                        | 30.0 | 18,600      | 15,000    |
| OTHER COUNTIES            | 700                | 600     | 400                  | 600     | 33.0                        | 27.3 | 13,200      | 16,400    |
| <u>EAST CENTRAL</u>       | 25,900             | 21,800  | 22,200               | 18,300  | 32.1                        | 26.5 | 713,400     | 485,000   |
| LINCOLN                   | 1,100              | 800     | 1,000                | 500     | 35.0                        | 42.0 | 35,000      | 21,000    |
| OTHER COUNTIES            | 2,500              | 2,400   | 2,000                | 2,100   | 35.0                        | 36.5 | 70,000      | 76,700    |
| <u>SOUTHWEST</u>          | 3,600              | 3,200   | 3,000                | 2,600   | 35.0                        | 37.6 | 105,000     | 97,700    |
| BROWN                     | 600                | 500     | 600                  | 200     | 40.0                        | 37.0 | 24,000      | 7,400     |
| FREEBORN                  | 600                | 500     | 200                  | 200     | 43.0                        | 38.0 | 8,600       | 7,600     |
| NICOLLET                  | 700                | 600     | 300                  | 300     | 36.0                        | 38.0 | 10,800      | 11,400    |
| RICE                      | 700                | 600     | 400                  | 300     | 37.0                        | 36.0 | 14,800      | 10,800    |
| OTHER COUNTIES            | 3,400              | 2,700   | 2,300                | 1,400   | 39.3                        | 37.3 | 90,400      | 52,200    |
| <u>SOUTH CENTRAL</u>      | 6,000              | 4,900   | 3,800                | 2,400   | 39.1                        | 37.3 | 148,600     | 89,400    |
| DAKOTA                    | 600                | 500     | 400                  | 200     | 40.0                        | 28.0 | 16,000      | 5,600     |
| OTHER COUNTIES            | 2,400              | 2,000   | 1,400                | 1,300   | 41.0                        | 31.8 | 57,400      | 41,400    |
| <u>SOUTHEAST</u>          | 3,000              | 2,500   | 1,800                | 1,500   | 40.8                        | 31.3 | 73,400      | 47,000    |
| MINNESOTA                 | 200,000            | 145,000 | 175,000              | 110,000 | 38.0                        | 30.0 | 6,650,000   | 3,300,000 |

**SWEET CORN: ACREAGE, YIELD, AND PRODUCTION,  
BY DISTRICTS AND COUNTIES, MINNESOTA**

| DISTRICT<br>AND<br>COUNTY | ACREAGE<br>PLANTED |         | ACREAGE<br>HARVESTED |         | YIELD PER<br>HARVESTED ACRE |      | PRODUCTION |         |
|---------------------------|--------------------|---------|----------------------|---------|-----------------------------|------|------------|---------|
|                           | 1984               | 1985    | 1984                 | 1985    | 1984                        | 1985 | 1984       | 1985    |
|                           | - ACRES -          |         | - ACRES -            |         | - TONS -                    |      | - TONS -   |         |
| GRANT                     | 600                | 500     | 600                  | 500     | 5.6                         | 5.3  | 3,360      | 2,650   |
| POPE                      | 1,600              | 1,100   | 1,500                | 1,100   | 5.8                         | 5.8  | 8,720      | 6,380   |
| SWIFT                     | 1,500              | 1,000   | 1,400                | 1,000   | 5.8                         | 5.8  | 8,120      | 5,800   |
| OTHER COUNTIES            | 900                | 600     | 800                  | 600     | 5.6                         | 5.3  | 4,480      | 3,180   |
| WEST CENTRAL              | 4,600              | 3,200   | 4,300                | 3,200   | 5.7                         | 5.6  | 24,680     | 18,010  |
| KANDIYOHI                 | 2,600              | 3,300   | 2,500                | 3,300   | 5.7                         | 6.2  | 14,170     | 20,460  |
| MCLEOD                    | 7,600              | 5,900   | 7,200                | 5,000   | 5.7                         | 5.4  | 40,800     | 27,000  |
| MEEKER                    | 3,900              | 3,300   | 3,700                | 3,100   | 5.7                         | 5.7  | 20,970     | 17,670  |
| RENVILLE                  | 9,900              | 12,600  | 9,200                | 11,200  | 5.8                         | 6.0  | 53,060     | 66,780  |
| SHERBURNE                 | 1,800              | 2,000   | 1,700                | 1,800   | 5.8                         | 7.0  | 9,840      | 12,600  |
| SIBLEY                    | 4,700              | 6,500   | 4,400                | 5,900   | 5.7                         | 6.2  | 24,930     | 36,580  |
| STEARNS                   | 1,700              | 1,700   | 1,600                | 1,700   | 5.8                         | 6.7  | 9,230      | 11,390  |
| WRIGHT                    | 1,200              | 1,300   | 1,200                | 1,100   | 5.7                         | 5.7  | 6,880      | 6,270   |
| OTHER COUNTIES            | 300                | 400     | 300                  | 400     | 5.7                         | 5.6  | 1,700      | 2,240   |
| CENTRAL                   | 33,700             | 37,000  | 31,800               | 33,500  | 5.7                         | 6.0  | 181,580    | 200,990 |
| EAST CENTRAL              | 100                | 200     | 100                  | 200     | 5.6                         | 5.2  | 560        | 1,030   |
| REDWOOD                   | 3,800              | 4,400   | 3,500                | 4,100   | 5.7                         | 5.4  | 19,950     | 22,140  |
| SOUTHWEST                 | 3,800              | 4,400   | 3,500                | 4,100   | 5.7                         | 5.4  | 19,950     | 22,140  |
| BLUE EARTH                | 2,400              | 3,300   | 2,300                | 3,300   | 5.5                         | 5.6  | 12,750     | 18,480  |
| BROWN                     | 4,700              | 4,300   | 4,400                | 4,300   | 5.3                         | 5.4  | 23,500     | 23,220  |
| FARIBAULT                 | 10,000             | 10,600  | 9,500                | 10,200  | 5.7                         | 6.2  | 54,560     | 63,240  |
| FREEBORN                  | 2,900              | 2,500   | 2,800                | 2,400   | 5.8                         | 6.4  | 16,360     | 15,360  |
| LESUEUR                   | 1,800              | 2,200   | 1,700                | 2,200   | 5.7                         | 5.9  | 9,760      | 12,980  |
| MARTIN                    | 3,000              | 4,000   | 2,900                | 3,800   | 5.3                         | 6.2  | 15,490     | 23,560  |
| NICOLLET                  | 2,800              | 2,600   | 2,600                | 2,500   | 5.6                         | 6.1  | 14,670     | 15,250  |
| RICE                      | 700                | 700     | 600                  | 600     | 5.6                         | 4.7  | 3,330      | 2,820   |
| STEELE                    | 2,300              | 2,200   | 2,200                | 2,200   | 5.8                         | 5.7  | 12,860     | 12,540  |
| WASECA                    | 3,500              | 3,400   | 3,400                | 3,400   | 5.8                         | 5.6  | 19,820     | 19,040  |
| WATONWAN                  | 1,600              | 2,100   | 1,600                | 2,100   | 5.8                         | 5.4  | 9,280      | 11,340  |
| SOUTH CENTRAL             | 35,700             | 37,900  | 34,000               | 37,000  | 5.6                         | 5.8  | 192,380    | 217,830 |
| DAKOTA                    | 5,400              | 5,100   | 5,200                | 5,000   | 5.7                         | 5.6  | 29,530     | 28,000  |
| DODGE                     | 12,700             | 12,800  | 12,400               | 12,200  | 6.0                         | 5.2  | 74,050     | 63,440  |
| GOODHUE                   | 9,500              | 9,400   | 9,200                | 8,800   | 6.1                         | 5.7  | 55,840     | 50,160  |
| MOWER                     | 6,200              | 5,300   | 6,100                | 5,300   | 6.0                         | 5.8  | 36,430     | 30,740  |
| OLMSTED                   | 3,400              | 4,000   | 3,400                | 4,000   | 6.6                         | 5.6  | 22,300     | 22,400  |
| WABASHA                   | 4,300              | 4,300   | 4,300                | 4,200   | 6.5                         | 5.7  | 27,780     | 23,940  |
| OTHER COUNTIES            | 700                | 800     | 700                  | 800     | 6.0                         | 4.9  | 4,220      | 3,910   |
| SOUTHEAST                 | 42,200             | 41,700  | 41,300               | 40,300  | 6.0                         | 5.5  | 250,150    | 222,590 |
| MINNESOTA                 | 120,100            | 124,400 | 115,000              | 118,300 | 5.8                         | 5.7  | 669,300    | 682,590 |



# AVERAGE COMPLETION DATES FOR MINNESOTA PLANTING AND HARVESTING

| Crop and Year          | Date PLANTING Completed |            |            |            |            | Date HARVESTING Completed |            |            |            |            |
|------------------------|-------------------------|------------|------------|------------|------------|---------------------------|------------|------------|------------|------------|
|                        | 10 Percent              | 25 Percent | 50 Percent | 75 Percent | 90 Percent | 10 Percent                | 25 Percent | 50 Percent | 75 Percent | 90 Percent |
| <b>Corn:</b>           |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | MAY 1                   | MAY 5      | MAY 8      | MAY 14     | MAY 22     | OCT 19                    | OCT 27     | NOV 4      | NOV 12     | 1/         |
| 1984.....              | MAY 8                   | MAY 14     | MAY 17     | MAY 23     | MAY 27     | OCT 8                     | OCT 23     | OCT 29     | NOV 6      | NOV 13     |
| 1981-85.....           | MAY 1                   | MAY 7      | MAY 13     | MAY 21     | MAY 29     | OCT 7                     | OCT 21     | OCT 31     | NOV 9      | NOV 22     |
| <b>Soybeans:</b>       |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | MAY 8                   | MAY 14     | MAY 22     | MAY 27     | JUN 3      | OCT 15                    | OCT 23     | OCT 27     | OCT 31     | NOV 5      |
| 1984.....              | MAY 18                  | MAY 22     | MAY 26     | MAY 30     | JUN 8      | SEP 27                    | OCT 2      | OCT 7      | OCT 27     | NOV 6      |
| 1981-85.....           | MAY 12                  | MAY 19     | MAY 25     | JUN 1      | JUN 9      | SEP 30                    | OCT 7      | OCT 24     | OCT 30     | NOV 6      |
| <b>Spring Wheat:</b>   |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | APR 16                  | APR 21     | APR 29     | MAY 5      | MAY 14     | AUG 2                     | AUG 10     | AUG 29     | SEP 12     | SEP 27     |
| 1984.....              | APR 23                  | APR 26     | MAY 3      | MAY 12     | MAY 19     | AUG 3                     | AUG 12     | AUG 16     | AUG 21     | AUG 26     |
| 1981-85.....           | APR 14                  | APR 24     | MAY 1      | MAY 8      | MAY 20     | AUG 4                     | AUG 10     | AUG 17     | AUG 26     | SEP 9      |
| <b>Oats:</b>           |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | APR 14                  | APR 20     | APR 27     | MAY 4      | MAY 12     | JUL 22                    | JUL 27     | AUG 5      | AUG 15     | SEP 8      |
| 1984.....              | APR 21                  | APR 24     | APR 29     | MAY 10     | MAY 17     | JUL 29                    | AUG 2      | AUG 9      | AUG 15     | AUG 19     |
| 1981-85.....           | APR 14                  | APR 22     | APR 29     | MAY 7      | MAY 16     | JUL 27                    | AUG 2      | AUG 8      | AUG 15     | AUG 24     |
| <b>Barley:</b>         |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | APR 20                  | APR 26     | MAY 1      | MAY 7      | MAY 19     | JUL 28                    | AUG 2      | AUG 12     | AUG 30     | SEP 14     |
| 1984.....              | APR 23                  | APR 28     | MAY 6      | MAY 14     | MAY 24     | JUL 28                    | AUG 1      | AUG 7      | AUG 14     | AUG 20     |
| 1981-85.....           | APR 18                  | APR 26     | MAY 4      | MAY 12     | MAY 24     | JUL 28                    | AUG 1      | AUG 8      | AUG 16     | AUG 29     |
| <b>Flax:</b>           |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | MAY 3                   | MAY 12     | MAY 22     | JUN 3      | JUN 14     | AUG 24                    | SEP 12     | OCT 6      | OCT 26     | 2/         |
| 1984.....              | MAY 10                  | MAY 15     | MAY 21     | MAY 30     | JUN 8      | AUG 17                    | AUG 27     | SEP 1      | SEP 12     | SEP 23     |
| 1981-85.....           | MAY 5                   | MAY 13     | MAY 23     | JUN 3      | JUN 13     | AUG 20                    | AUG 28     | SEP 13     | OCT 6      | OCT 29     |
| <b>Sunflowers:</b>     |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | MAY 13                  | MAY 20     | MAY 26     | JUN 6      | JUN 13     | OCT 20                    | OCT 25     | NOV 2      | NOV 9      | NOV 19     |
| 1984.....              | MAY 13                  | MAY 18     | MAY 24     | MAY 30     | JUN 5      | OCT 4                     | OCT 10     | OCT 20     | OCT 31     | NOV 12     |
| 1981-85.....           | MAY 11                  | MAY 18     | MAY 26     | JUN 3      | JUN 10     | OCT 5                     | OCT 17     | OCT 28     | NOV 5      | NOV 18     |
| <b>Alfalfa Hay: 3/</b> |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | NOT APPLICABLE          |            |            |            |            | MAY 28                    | JUN 4      | JUN 11     | JUN 20     | JUL 3      |
| 1984.....              |                         |            |            |            |            | JUN 5                     | JUN 14     | JUN 25     | JUL 1      | JUL 6      |
| 1981-85.....           |                         |            |            |            |            | JUN 4                     | JUN 9      | JUN 18     | JUN 28     | JUL 6      |
| <b>Winter Wheat:</b>   |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | SEP 2                   | SEP 12     | SEP 21     | OCT 6      | OCT 14     | JUL 21                    | JUL 26     | AUG 3      | AUG 13     | SEP 3      |
| 1984.....              | AUG 29                  | SEP 3      | SEP 10     | SEP 18     | SEP 25     | JUL 23                    | JUL 27     | JUL 31     | AUG 5      | AUG 10     |
| 1981-85.....           | AUG 27                  | SEP 3      | SEP 12     | SEP 21     | OCT 3      | JUL 24                    | JUL 29     | AUG 3      | AUG 9      | AUG 17     |
| <b>Rye:</b>            |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | SEP 1                   | SEP 10     | SEP 19     | OCT 4      | OCT 14     | JUL 21                    | JUL 27     | AUG 3      | AUG 11     | AUG 28     |
| 1984.....              | AUG 30                  | SEP 4      | SEP 11     | SEP 18     | SEP 25     | JUL 23                    | JUL 27     | AUG 2      | AUG 7      | AUG 13     |
| 1981-85.....           | AUG 29                  | SEP 4      | SEP 12     | SEP 22     | OCT 2      | JUL 25                    | JUL 30     | AUG 4      | AUG 10     | AUG 16     |
| <b>Sugarbeets:</b>     |                         |            |            |            |            |                           |            |            |            |            |
| 1985.....              | APR 24                  | APR 27     | MAY 1      | MAY 4      | MAY 8      | SEP 25                    | OCT 3      | OCT 8      | OCT 18     | OCT 23     |
| 1984.....              | APR 26                  | MAY 19     | MAY 7      | MAY 11     | MAY 17     | SEP 24                    | OCT 5      | OCT 23     | OCT 27     | NOV 1      |
| 1981-85.....           | APR 20                  | APR 26     | MAY 2      | MAY 7      | MAY 13     | SEP 25                    | OCT 5      | OCT 17     | OCT 25     | OCT 30     |

1/ Last estimate: 87% as of December 15.

2/ Last estimate: 77% as of October 27.

3/ First cutting.

1985

## PADDY WILD RICE STATISTICS

(Information Provided by Minnesota Paddy Wild Rice Research and Promotion Council)

Wild rice, Minnesota's official State Grain, is grown as a field crop on 27,000 acres in northern Minnesota. The leading counties are Aitkin, Clearwater, Beltrami, Itasca and Cass.

Acreage and yields are increasing as production problems are being solved by growers and researchers. Average yield per acre has steadily increased. In 1968 only 900 acres were in production, yielding 36,000 pounds of processed grain. In 1985, 27,000 acres produced over 4,200,000 pounds of processed grain. Average yield per acre at 155 pounds was up from 1984 and represents a 290% gain from the 40 pounds estimated for 1968.

The value of the 1985 crop was \$13,650,000 at \$3.25 per pound for processed wild rice.

The number of farm operations producing wild rice in 1985 was 68. Average acreage in wild rice production per farm operation increased from 250 acres in 1982 to 398 acres in 1984.

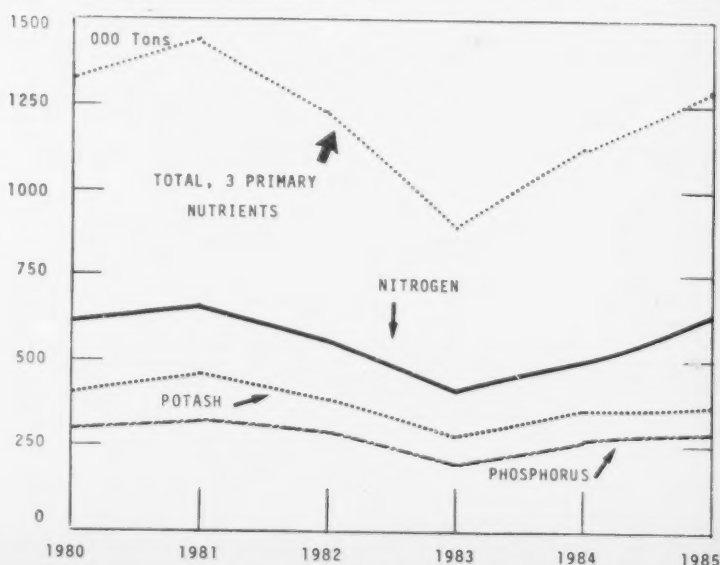


## MINNESOTA FERTILIZER USAGE

Minnesota fertilizer consumption totaled 2.3 million tons for the year ending June 30, 1985, up 12% from the previous year. Minnesota again was the 6th ranking state in total tonnage. Usage of the primary nutrients is shown on the chart; nitrogen was 26% above 1984 while phosphate rose 6% and potash was up 4%.

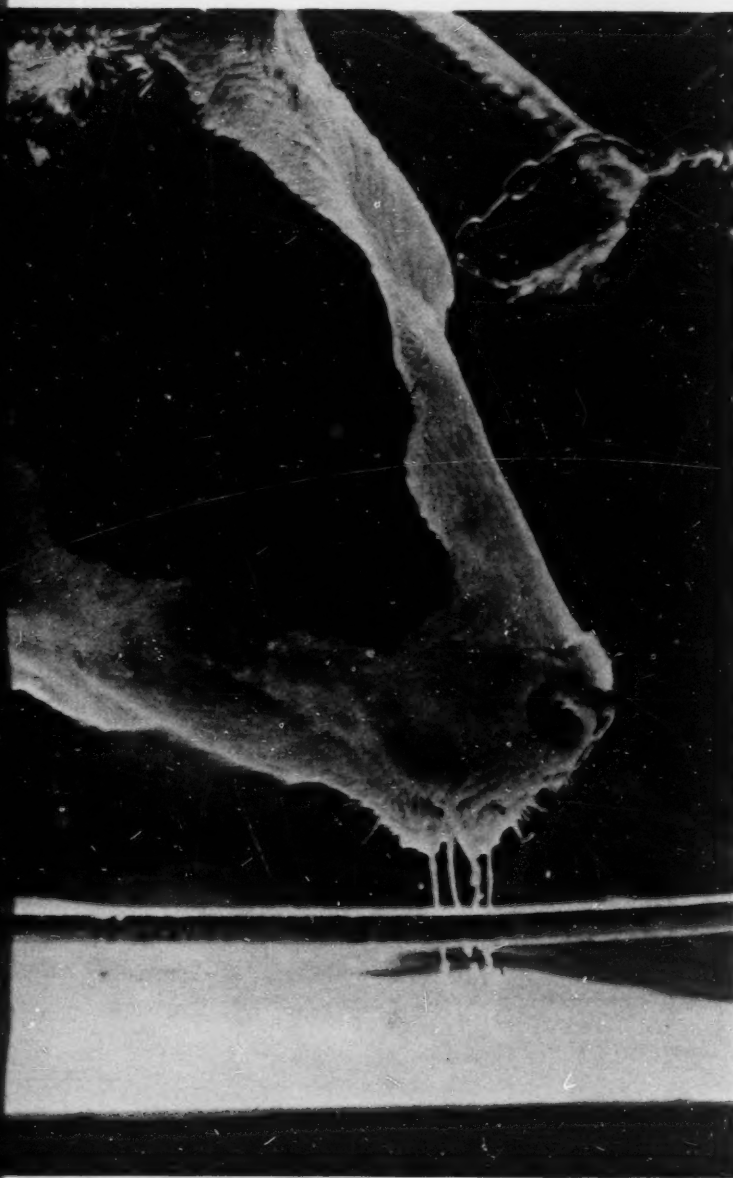
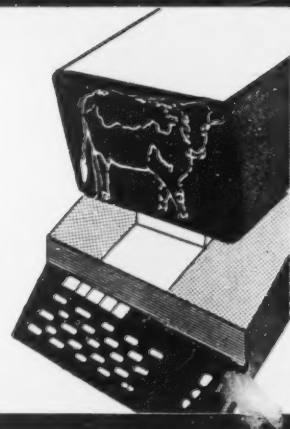
Fertilizer consumption represents all commercial fertilizer sold or shipped for farm and non-farm use as fertilizer.

### MINNESOTA'S USE OF PRIMARY NUTRIENTS AS FERTILIZER



## SECTION III:

# LIVESTOCK, DAIRY, POULTRY



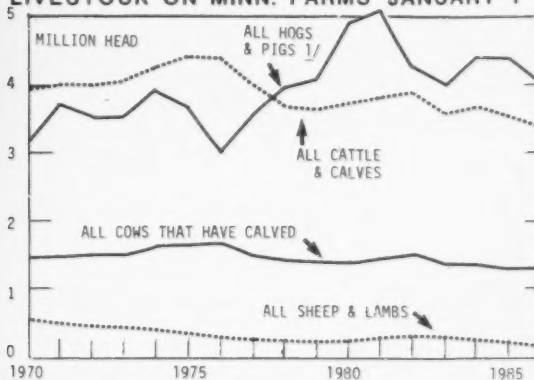
## Livestock

Cattle numbers on Minnesota farms on January 1, 1986 were down 4% from a year earlier and the lowest total since 1951. Meanwhile, sheep and lamb numbers decreased 16%. The inventory of all hogs on December 1, 1985 was down 5% and all chickens on farms decreased 8%.

The combined value of all livestock and poultry on Minnesota farms was \$1,763 million. All cattle and calves, valued at \$1,445 million, were 12% less than a year ago. The value of hogs on hand December 1, 1985 accounted for \$279 million, down 11%; all sheep and lambs, \$16.1 million, down 2%; and all chickens \$22.9 million, down 13%.

The number of operations with cattle fell 5,000 while milk cows and sheep each dropped 1,000 and hogs declined 1,500 (see page 3).

### LIVESTOCK ON MINN. FARMS JANUARY 1



1/ December 1 preceding year.

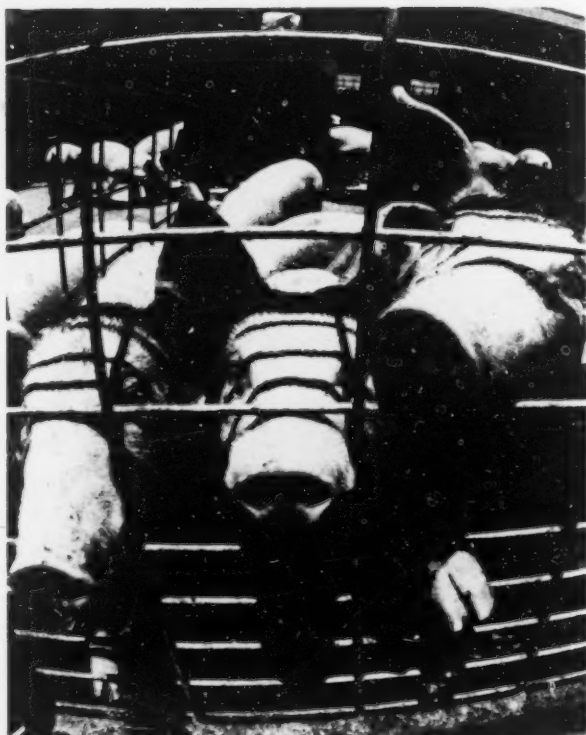


# MINNESOTA LIVESTOCK AND POULTRY

| Class                                         | Number on Farms |        |        | Value per Head |        |        | Total Farm Value |           |           |
|-----------------------------------------------|-----------------|--------|--------|----------------|--------|--------|------------------|-----------|-----------|
|                                               | 1984            | 1985   | 1986   | 1984           | 1985   | 1986   | 1984             | 1985      | 1986      |
|                                               | 1,000 Head      |        |        | Dollars        |        |        | 1,000 Dollars    |           |           |
| All Cattle & Calves, Jan. 1.....              | 3,690           | 3,550  | 3,400  | 465.00         | 460.00 | 425.00 | 1,715,850        | 1,633,000 | 1,445,000 |
| Total Cows That Have Calved.                  | 1,387           | 1,310  | 1,336  |                |        |        |                  |           |           |
| Beef Cows.....                                | 477             | 420    | 396    |                |        |        |                  |           |           |
| Milk Cows.....                                | 910             | 890    | 940    |                |        |        |                  |           |           |
| Total Heifers 500 Pounds+...                  | 701             | 650    | 714    |                |        |        |                  |           |           |
| Beef Replacement.....                         | 79              | 64     | 62     |                |        |        |                  |           |           |
| Milk Replacement.....                         | 346             | 387    | 398    |                |        |        |                  |           |           |
| Other.....                                    | 276             | 199    | 254    |                |        |        |                  |           |           |
| Steers 500 Pounds+.....                       | 641             | 716    | 525    |                |        |        |                  |           |           |
| Bulls 500 Pounds+.....                        | 44              | 43     | 37     |                |        |        |                  |           |           |
| Steers, Heifers, Bulls, Under 500 Pounds..... | 917             | 831    | 788    |                |        |        |                  |           |           |
| All Hogs & Pigs, Dec. 1 1/..                  | 4,400           | 4,300  | 4,100  | 57.00          | 72.50  | 68.00  | 250,800          | 311,750   | 278,800   |
| All Sheep & Lambs, Jan. 1 ...                 | 255             | 255    | 213    | 49.50          | 64.50  | 75.50  | 12,623           | 16,448    | 16,082    |
| Stock Sheep.....                              | 200             | 185    | 150    |                |        |        |                  |           |           |
| Ewes 1 Year+.....                             | 160             | 150    | 120    |                |        |        |                  |           |           |
| Ewe Lambs.....                                | 28              | 23     | 19     |                |        |        |                  |           |           |
| Wethers & Rams 1 Year+....                    | 6               | 7      | 6      |                |        |        |                  |           |           |
| Wether & Ram Lambs.....                       | 6               | 5      | 5      |                |        |        |                  |           |           |
| Sheep & Lambs On Feed.....                    | 55              | 70     | 63     |                |        |        |                  |           |           |
| All Chickens, Dec. 1 1/.....                  | 13,900          | 13,800 | 12,700 | 1.60           | 1.90   | 1.80   | 22,240           | 26,220    | 22,860    |
| Hens & Pullets of Laying Age.                 | 10,600          | 10,050 | 9,670  |                |        |        |                  |           |           |
| Pullets 3 Months Old+, Not of Laying Age..... | 1,600           | 1,975  | 1,720  |                |        |        |                  |           |           |
| Pullets Under 3 Months.....                   | 1,650           | 1,720  | 1,250  |                |        |        |                  |           |           |
| Other Chickens.....                           | 50              | 55     | 60     |                |        |        |                  |           |           |
| Turkey Breeder Hens, Dec. 1 2/                | 443             | 447    |        | 21.60          | 20.00  |        | 9,569            | 8,940     |           |
| TOTAL.....                                    |                 |        |        |                |        |        | 2,011,082        | 1,996,358 | 1,762,742 |

1/ December 1 preceding year.

2/ December 1 preceding year; estimates were discontinued in 1985.



# MINNESOTA CATTLE AND CALVES DISPOSITION

| Year | Inshipments | Marketings 1/ |        | Farm Slaughter 2/<br>Cattle and<br>Calves | Deaths |        |
|------|-------------|---------------|--------|-------------------------------------------|--------|--------|
|      |             | Cattle        | Calves |                                           | Cattle | Calves |
|      |             | 1,000 Head    |        |                                           |        |        |
| 1981 | 700         | 1,636         | 129    | 15                                        | 50     | 160    |
| 1982 | 670         | 1,842         | 170    | 15                                        | 58     | 155    |
| 1983 | 650         | 1,529         | 165    | 16                                        | 65     | 155    |
| 1984 | 600         | 1,587         | 165    | 13                                        | 55     | 150    |
| 1985 | 500         | 1,574         | 170    | 16                                        | 60     | 150    |

1/ Excludes interfarm sales.

2/ Excludes custom slaughter for farmers at commercial establishments.

# MINNESOTA CATTLE & CALF INVENTORIES, PRODUCTION, AND INCOME

| Year | On Farms, January 1 |                                 |                                  | Calves Born | Marketings 1/ | Price Per 100 Lbs. |         | Cash Re-<br>ceipts 2/ | Gross<br>Income 3/ |
|------|---------------------|---------------------------------|----------------------------------|-------------|---------------|--------------------|---------|-----------------------|--------------------|
|      | All<br>Cattle       | All Cows<br>That Have<br>Calved | Milk Cows<br>That Have<br>Calved |             |               | Cattle             | Calves  |                       |                    |
|      | 1,000 Head          |                                 | 1,000 Head                       |             |               | 1,000 Lbs.         | Dollars |                       |                    |
| 1981 | 3,800               | 1,450                           | 880                              | 1,370       | 1,863,600     | 50.80              | 67.40   | 950,493               | 970,803            |
| 1982 | 3,880               | 1,490                           | 905                              | 1,300       | 2,068,290     | 48.60              | 60.30   | 1,008,875             | 1,028,997          |
| 1983 | 3,610               | 1,371                           | 890                              | 1,360       | 1,747,035     | 47.60              | 59.70   | 835,367               | 856,373            |
| 1984 | 3,690               | 1,387                           | 910                              | 1,230       | 1,811,080     | 48.60              | 55.60   | 882,522               | 904,681            |
| 1985 | 3,550               | 1,310                           | 890                              | 1,320       | 1,863,310     | 49.60              | 55.40   | 926,225               | 948,564            |
| 1986 | 3,400               | 1,336                           | 940                              | ---         | ---           | ---                | ---     | ---                   | ---                |

1/ Excludes interfarm sales.

2/ Includes receipts from marketings and sales of farm slaughtered meat.

3/ Includes value of home consumption on farms.

# MINNESOTA CATTLE AND CALVES ON FEED BY QUARTERS

| Year and Quarter | Total Number | Classes                 |                         |       | Weight Groups 1/ |              |              |                   |     |
|------------------|--------------|-------------------------|-------------------------|-------|------------------|--------------|--------------|-------------------|-----|
|                  |              | Steers and Steer Calves | Heifers & Heifer Calves | Other | Under 500 Lbs.   | 500-699 Lbs. | 700-899 Lbs. | 900 Lbs. and Over |     |
|                  |              | 1,000 Head              |                         |       | 1,000 Head       |              |              |                   |     |
| 1981:            | January 1... | 370                     | 251                     | 117   | 2                | 39           | 112          | 99                | 118 |
|                  | April 1..... | 405                     | 267                     | 138   | 0                | 22           | 159          | 131               | 93  |
|                  | July 1.....  | 390                     | 265                     | 125   | 0                | 10           | 55           | 163               | 162 |
|                  | October 1... | 310                     | 211                     | 96    | 3                | 9            | 33           | 99                | 166 |
| 1982:            | January 1... | 350                     | 234                     | 112   | 4                | 40           | 106          | 78                | 122 |
|                  | April 1..... | 415                     | 266                     | 145   | 4                | 9            | 160          | 149               | 93  |
|                  | July 1.....  | 405                     | 255                     | 146   | 4                | 8            | 65           | 164               | 164 |
|                  | October 1... | 310                     | 205                     | 102   | 3                | 9            | 37           | 96                | 165 |
| 1983:            | January 1... | 405                     | 263                     | 138   | 4                | 35           | 124          | 106               | 136 |
|                  | April 1..... | 405                     | 267                     | 134   | 4                | 18           | 120          | 121               | 142 |
|                  | July 1.....  | 355                     | 233                     | 119   | 3                | 7            | 51           | 144               | 150 |
|                  | October 1... | 240                     | 161                     | 77    | 2                | 7            | 26           | 83                | 122 |
| 1984:            | January 1... | 375                     | 244                     | 127   | 4                | 25           | 109          | 104               | 133 |
|                  | April 1..... | 350                     | 228                     | 119   | 3                | 15           | 92           | 122               | 118 |
|                  | July 1.....  | 285                     | 188                     | 94    | 3                | 8            | 45           | 100               | 129 |
|                  | October 1... | 225                     | 144                     | 79    | 2                | 6            | 35           | 78                | 104 |
| 1985:            | January 1... | 370                     | 237                     | 129   | 4                | 22           | 110          | 101               | 133 |
|                  | April 1..... | 355                     | 231                     | 121   | 3                | 13           | 87           | 126               | 126 |
|                  | July 1.....  | 305                     | 207                     | 95    | 3                | 8            | 43           | 97                | 154 |
|                  | October 1... | 215                     | 148                     | 65    | 2                | 5            | 25           | 70                | 113 |
| 1986:            | January 1... | 300                     | 204                     | 93    | 3                | 18           | 89           | 83                | 107 |
|                  | April 1..... | 305                     | 207                     | 95    | 3                | 12           | 62           | 112               | 116 |

1/ "Other" class not included in "Weight Groups".

MINNESOTA ALL CATTLE, CATTLE ON FEED & ALL STOCK SHEEP,  
JANUARY 1, BY DISTRICTS AND COUNTIES

| District<br>and<br>County | *<br>*<br>* | All Cattle<br>and Calves<br>1985 1986 | *<br>*<br>* | Cattle and Calves<br>on Feed<br>1985 1986 | *<br>*<br>* | All Stock<br>Sheep and Lambs<br>1985 1986 |
|---------------------------|-------------|---------------------------------------|-------------|-------------------------------------------|-------------|-------------------------------------------|
|                           |             | Number                                |             | Number                                    |             | Number                                    |
| Becker                    |             | 51,300 42,700                         |             | 1,800 1,700                               |             | 2,000 1,400                               |
| Clay                      |             | 23,900 23,200                         |             | 1,800 1,600                               |             | 1,200 900                                 |
| Clearwater                |             | 30,000 27,800                         |             | 700 700                                   |             | 2,000 1,800                               |
| Kittson                   |             | 14,600 13,000                         |             | 500 400                                   |             | 1,300 1,000                               |
| Mahnomen                  |             | 18,500 17,000                         |             | 1,100 900                                 |             | 700 500                                   |
| Marshall                  |             | 23,000 19,700                         |             | 1,500 1,200                               |             | 3,600 2,500                               |
| Norman                    |             | 24,000 20,700                         |             | 1,700 1,400                               |             | 500 400                                   |
| Pennington                |             | 18,700 17,200                         |             | 900 800                                   |             | 1,000 900                                 |
| Polk                      |             | 47,200 47,300                         |             | 4,400 3,400                               |             | 3,700 3,000                               |
| Red Lake                  |             | 19,000 17,700                         |             | 500 400                                   |             | 800 500                                   |
| Roseau                    |             | 39,500 35,800                         |             | 1,400 1,200                               |             | 3,900 2,800                               |
| <u>Northwest</u>          |             | 309,700 282,100                       |             | 16,300 13,700                             |             | 20,700 15,700                             |
| Beltrami                  |             | 28,000 27,100                         |             | 700 700                                   |             | 2,200 1,900                               |
| Cass                      |             | 28,500 28,900                         |             | 900 800                                   |             | 2,000 1,700                               |
| Hubbard                   |             | 16,200 14,600                         |             | 600 600                                   |             | 1,800 1,600                               |
| Itasca                    |             | 20,700 18,200                         |             | 500 600                                   |             | 400 300                                   |
| Koochiching               |             | 13,000 13,000                         |             | 200 200                                   |             | 600 600                                   |
| Lake of the Woods         |             | 8,900 7,800                           |             | 200 100                                   |             | 400 300                                   |
| <u>North Central</u>      |             | 115,300 109,600                       |             | 3,100 3,000                               |             | 7,400 6,400                               |
| Cook                      |             | 200 300                               |             | -- --                                     |             | -- --                                     |
| Lake                      |             | 700 600                               |             | -- --                                     |             | 200 200                                   |
| St. Louis                 |             | 23,500 20,600                         |             | 900 600                                   |             | 700 600                                   |
| <u>Northeast</u>          |             | 24,400 21,500                         |             | 900 600                                   |             | 900 800                                   |
| Big Stone                 |             | 15,500 16,400                         |             | 2,100 1,600                               |             | 1,100 800                                 |
| Chippewa                  |             | 15,000 14,000                         |             | 3,600 3,000                               |             | 2,400 1,800                               |
| Douglas                   |             | 55,000 50,300                         |             | 3,400 2,700                               |             | 1,900 1,900                               |
| Grant                     |             | 15,700 16,900                         |             | 2,900 2,800                               |             | 1,300 900                                 |
| Lac Qui Parle             |             | 33,500 35,500                         |             | 5,800 5,700                               |             | 1,700 1,400                               |
| Otter Tail                |             | 144,600 141,000                       |             | 6,500 5,600                               |             | 6,500 5,900                               |
| Pope                      |             | 45,000 43,500                         |             | 2,600 2,600                               |             | 1,200 900                                 |
| Stevens                   |             | 34,000 28,500                         |             | 10,500 8,500                              |             | 1,700 1,400                               |
| Swift                     |             | 22,000 19,600                         |             | 3,100 2,600                               |             | 1,500 1,100                               |
| Traverse                  |             | 14,000 13,400                         |             | 4,500 4,100                               |             | 1,500 1,200                               |
| Wilkin                    |             | 10,000 9,700                          |             | 700 500                                   |             | 500 400                                   |
| Yellow Medicine           |             | 33,200 29,200                         |             | 6,300 5,000                               |             | 2,200 1,700                               |
| <u>West Central</u>       |             | 437,500 418,000                       |             | 52,000 44,700                             |             | 23,500 19,400                             |
| Benton                    |             | 47,000 42,500                         |             | 2,100 2,000                               |             | 800 600                                   |
| Carver                    |             | 57,900 59,000                         |             | 3,100 2,500                               |             | 900 900                                   |
| Kandiyohi                 |             | 42,300 41,700                         |             | 5,600 4,200                               |             | 3,200 3,200                               |
| McLeod                    |             | 45,500 43,700                         |             | 2,300 2,200                               |             | 800 800                                   |
| Meeker                    |             | 45,800 44,300                         |             | 3,600 2,700                               |             | 1,700 1,300                               |
| Morrison                  |             | 94,000 90,800                         |             | 3,000 2,800                               |             | 1,300 900                                 |
| Renville                  |             | 30,500 30,400                         |             | 7,000 5,800                               |             | 6,600 5,000                               |
| Scott                     |             | 42,000 37,100                         |             | 4,700 3,400                               |             | 900 800                                   |
| Sherburne                 |             | 19,000 19,200                         |             | 1,500 1,500                               |             | 1,500 900                                 |
| Sibley                    |             | 46,000 43,400                         |             | 5,000 3,700                               |             | 1,900 1,600                               |
| Stearns                   |             | 190,000 187,400                       |             | 8,700 8,000                               |             | 2,400 2,100                               |
| Todd                      |             | 93,500 89,000                         |             | 2,100 2,000                               |             | 2,600 2,200                               |
| Wadena                    |             | 33,000 33,800                         |             | 1,000 800                                 |             | 3,200 2,000                               |
| Wright                    |             | 71,500 69,700                         |             | 4,500 3,900                               |             | 1,800 1,500                               |
| <u>Central</u>            |             | 858,000 832,000                       |             | 54,200 45,500                             |             | 29,600 23,800                             |

**MINNESOTA ALL CATTLE, CATTLE ON FEED & ALL STOCK SHEEP,  
JANUARY 1, BY DISTRICTS AND COUNTIES (CONT'D)**

| District<br>and<br>County | All Cattle<br>and Calves |           | Cattle and Calves<br>on Feed |         | All Stock<br>Sheep and Lambs |         |
|---------------------------|--------------------------|-----------|------------------------------|---------|------------------------------|---------|
|                           | 1985                     | 1986      | 1985                         | 1986    | 1985                         | 1986    |
|                           | Number                   |           | Number                       |         | Number                       |         |
| Aitkin                    | 23,500                   | 22,800    | 500                          | 500     | 800                          | 700     |
| Anoka                     | 8,800                    | 9,500     | 800                          | 500     | 500                          | 400     |
| Carlton                   | 24,000                   | 23,100    | 600                          | 600     | 400                          | 300     |
| Chisago                   | 32,700                   | 30,500    | 1,500                        | 1,300   | 500                          | 400     |
| Crow Wing                 | 22,000                   | 21,600    | 600                          | 500     | 900                          | 700     |
| Hennepin                  | 27,000                   | 24,400    | 1,600                        | 1,200   | 600                          | 700     |
| Isanti                    | 21,300                   | 20,300    | 900                          | 900     | 1,200                        | 1,000   |
| Kanabec                   | 44,900                   | 43,600    | 1,000                        | 1,000   | 1,000                        | 1,000   |
| Mille Lacs                | 40,000                   | 37,000    | 1,300                        | 1,000   | 800                          | 800     |
| Pine                      | 57,300                   | 52,100    | 900                          | 700     | 1,900                        | 2,100   |
| Ramsey                    | 900                      | 1,000     | --                           | --      | 100                          | 100     |
| Washington                | 20,900                   | 20,100    | 1,800                        | 1,500   | 2,300                        | 1,600   |
| <u>East Central</u>       | 323,300                  | 306,000   | 11,500                       | 9,700   | 11,000                       | 9,800   |
| Cottonwood                | 40,600                   | 43,100    | 14,400                       | 11,900  | 4,600                        | 3,500   |
| Jackson                   | 31,000                   | 33,000    | 10,500                       | 7,700   | 4,400                        | 2,900   |
| Lincoln                   | 47,000                   | 47,600    | 11,500                       | 8,500   | 4,200                        | 3,100   |
| Lyon                      | 52,500                   | 50,500    | 14,400                       | 9,600   | 4,300                        | 3,600   |
| Murray                    | 53,400                   | 47,800    | 13,100                       | 8,700   | 4,700                        | 3,600   |
| Nobles                    | 61,000                   | 57,600    | 13,700                       | 9,900   | 5,600                        | 4,100   |
| Pipestone                 | 45,000                   | 43,000    | 5,500                        | 3,900   | 5,600                        | 5,200   |
| Redwood                   | 49,000                   | 43,300    | 15,600                       | 10,100  | 2,800                        | 2,600   |
| Rock                      | 56,000                   | 52,800    | 15,000                       | 12,400  | 2,900                        | 2,300   |
| <u>Southwest</u>          | 435,500                  | 418,700   | 113,700                      | 82,700  | 29,100                       | 30,900  |
| Blue Earth                | 31,000                   | 27,300    | 7,800                        | 6,200   | 2,900                        | 2,300   |
| Brown                     | 39,300                   | 38,800    | 8,100                        | 7,200   | 2,100                        | 1,900   |
| Faribault                 | 23,500                   | 21,300    | 5,200                        | 4,400   | 3,500                        | 2,700   |
| Freeborn                  | 31,100                   | 28,500    | 3,500                        | 3,000   | 4,800                        | 4,000   |
| LeSueur                   | 29,800                   | 30,200    | 3,800                        | 3,400   | 1,700                        | 1,300   |
| Martin                    | 29,000                   | 29,000    | 9,100                        | 6,300   | 3,900                        | 3,200   |
| Nicollet                  | 27,100                   | 24,900    | 4,900                        | 3,500   | 1,400                        | 1,100   |
| Rice                      | 47,400                   | 44,800    | 5,100                        | 3,500   | 1,500                        | 1,300   |
| Steele                    | 29,900                   | 28,700    | 3,600                        | 3,100   | 1,400                        | 1,100   |
| Waseca                    | 18,000                   | 19,500    | 2,400                        | 1,900   | 1,700                        | 1,300   |
| Watsonwan                 | 20,100                   | 18,100    | 5,600                        | 3,700   | 1,100                        | 900     |
| <u>South Central</u>      | 326,200                  | 311,100   | 59,100                       | 46,200  | 26,000                       | 21,100  |
| Dakota                    | 37,500                   | 35,500    | 5,800                        | 5,200   | 2,100                        | 1,500   |
| Dodge                     | 34,500                   | 33,000    | 4,700                        | 3,400   | 1,700                        | 1,400   |
| Fillmore                  | 124,700                  | 122,000   | 9,500                        | 8,800   | 6,100                        | 4,700   |
| Goodhue                   | 109,000                  | 106,600   | 6,800                        | 7,300   | 4,900                        | 3,800   |
| Houston                   | 96,200                   | 94,200    | 5,800                        | 5,900   | 1,200                        | 1,000   |
| Mower                     | 34,500                   | 33,800    | 5,300                        | 4,900   | 2,900                        | 2,500   |
| Olmsted                   | 93,700                   | 92,200    | 7,600                        | 6,700   | 3,900                        | 3,000   |
| Wabasha                   | 93,000                   | 88,900    | 6,900                        | 6,400   | 3,000                        | 3,400   |
| Winona                    | 97,000                   | 94,800    | 6,800                        | 5,300   | 1,000                        | 800     |
| <u>Southeast</u>          | 720,100                  | 701,000   | 59,200                       | 53,900  | 26,800                       | 22,100  |
| Minnesota                 | 3,550,000                | 3,400,000 | 370,000                      | 300,000 | 185,000                      | 150,000 |

NOTE: County livestock estimates were reinstated through state funding. The last year published was 1980. Estimates for intervening years are not available.

# MINNESOTA COWS AND HEIFERS THAT HAVE CALVED, JANUARY 1, BY DISTRICTS AND COUNTIES

\*\*\*\*\*

| District<br>and<br>County | Beef Cows |        | Milk Cows |         |
|---------------------------|-----------|--------|-----------|---------|
|                           | 1985      | 1986   | 1985      | 1986    |
|                           | Number    |        | Number    |         |
| Becker                    | 6,200     | 5,800  | 13,300    | 14,100  |
| Clay                      | 5,400     | 5,300  | 4,000     | 4,000   |
| Clearwater                | 8,700     | 8,400  | 3,900     | 3,800   |
| Kittson                   | 5,100     | 4,800  | 600       | 600     |
| Mahnomen                  | 4,400     | 4,000  | 3,000     | 2,800   |
| Marshall                  | 5,600     | 5,100  | 2,400     | 2,500   |
| Norman                    | 4,700     | 4,000  | 3,700     | 3,500   |
| Pennington                | 3,900     | 3,500  | 3,600     | 3,900   |
| Polk                      | 9,700     | 9,700  | 6,800     | 6,600   |
| Red Lake                  | 3,800     | 4,300  | 3,100     | 2,800   |
| Roseau                    | 9,700     | 8,700  | 6,300     | 6,400   |
| <u>Northwest</u>          | 67,200    | 63,600 | 50,700    | 51,000  |
| Beltrami                  | 8,900     | 8,600  | 4,000     | 4,200   |
| Cass                      | 8,100     | 8,000  | 4,200     | 4,500   |
| Hubbard                   | 4,600     | 4,000  | 1,500     | 1,900   |
| Itasca                    | 6,500     | 6,100  | 1,400     | 1,500   |
| Koochiching               | 2,700     | 2,600  | 800       | 800     |
| Lake of the Woods         | 3,500     | 3,100  | 500       | 600     |
| <u>North Central</u>      | 34,300    | 32,400 | 12,400    | 13,500  |
| Cook                      | 100       | 100    | --        | --      |
| Lake                      | 200       | 200    | --        | --      |
| St. Louis                 | 4,600     | 4,500  | 3,400     | 3,800   |
| <u>Northeast</u>          | 4,900     | 4,800  | 3,400     | 3,800   |
| Big Stone                 | 3,000     | 3,300  | 2,500     | 2,600   |
| Chippewa                  | 2,300     | 2,100  | 2,200     | 2,200   |
| Douglas                   | 5,400     | 4,700  | 20,100    | 20,500  |
| Grant                     | 1,900     | 1,600  | 3,300     | 3,300   |
| Lac Qui Parle             | 7,000     | 6,600  | 3,700     | 4,200   |
| Otter Tail                | 12,400    | 12,300 | 47,500    | 51,000  |
| Pope                      | 3,800     | 3,800  | 14,500    | 14,500  |
| Stevens                   | 3,400     | 3,000  | 1,600     | 1,600   |
| Swift                     | 4,000     | 3,700  | 4,000     | 4,400   |
| Traverse                  | 1,700     | 1,600  | 1,000     | 1,100   |
| Wilkin                    | 1,700     | 1,600  | 1,700     | 2,100   |
| Yellow Medicine           | 5,700     | 5,000  | 3,500     | 3,300   |
| <u>West Central</u>       | 52,300    | 49,300 | 105,600   | 110,800 |
| Benton                    | 4,200     | 3,700  | 17,500    | 19,000  |
| Carver                    | 2,200     | 2,100  | 21,300    | 23,600  |
| Kandiyohi                 | 2,700     | 3,000  | 11,800    | 13,800  |
| McLeod                    | 1,600     | 1,500  | 19,700    | 21,800  |
| Meeker                    | 2,800     | 2,800  | 16,900    | 17,600  |
| Morrison                  | 7,800     | 7,600  | 36,800    | 38,600  |
| Renville                  | 2,100     | 2,000  | 5,300     | 6,100   |
| Scott                     | 3,300     | 2,900  | 11,800    | 12,900  |
| Sherburne                 | 2,000     | 2,000  | 4,400     | 4,400   |
| Sibley                    | 2,400     | 2,000  | 16,200    | 16,800  |
| Stearns                   | 7,500     | 6,600  | 80,700    | 85,600  |
| Todd                      | 5,600     | 5,100  | 36,900    | 39,000  |
| Wadena                    | 3,800     | 3,500  | 12,100    | 12,800  |
| Wright                    | 5,500     | 4,900  | 27,000    | 28,200  |
| <u>Central</u>            | 53,500    | 49,700 | 318,400   | 340,200 |

# MINNESOTA COWS AND HELPERS THAT HAVE CALVED, JANUARY 1, BY DISTRICTS AND COUNTIES (CONT'D)

| District<br>and<br>County | Beef Cows |         | Milk Cows |         |
|---------------------------|-----------|---------|-----------|---------|
|                           | 1985      | 1986    | 1985      | 1986    |
|                           | Number    | Number  | Number    | Number  |
| Aitkin                    | 5,200     | 5,000   | 4,300     | 3,900   |
| Anoka                     | 1,400     | 1,400   | 1,900     | 2,200   |
| Carlton                   | 3,900     | 3,500   | 6,000     | 6,200   |
| Chisago                   | 4,300     | 4,100   | 8,000     | 8,300   |
| Crow Wing                 | 4,600     | 4,300   | 4,300     | 4,500   |
| Hennepin                  | 2,400     | 2,200   | 7,900     | 8,200   |
| Isanti                    | 2,700     | 2,300   | 5,700     | 6,500   |
| Kanabec                   | 6,500     | 6,000   | 10,200    | 10,500  |
| Mille Lacs                | 3,100     | 2,900   | 14,700    | 15,300  |
| Pine                      | 8,000     | 7,800   | 13,900    | 15,500  |
| Ramsey                    | 200       | 200     | 100       | 100     |
| Washington                | 2,700     | 2,700   | 3,200     | 3,200   |
| <u>East Central</u>       | 45,000    | 42,400  | 80,200    | 84,400  |
| Cottonwood                | 3,900     | 3,200   | 3,500     | 3,700   |
| Jackson                   | 3,400     | 3,300   | 2,600     | 3,200   |
| Lincoln                   | 5,600     | 5,600   | 5,600     | 5,800   |
| Lyon                      | 6,400     | 6,700   | 4,700     | 4,400   |
| Murray                    | 5,000     | 4,400   | 7,300     | 7,900   |
| Nobles                    | 5,100     | 5,100   | 6,300     | 6,400   |
| Pipestone                 | 5,400     | 6,100   | 9,200     | 9,300   |
| Redwood                   | 5,200     | 4,900   | 4,700     | 4,700   |
| Rock                      | 7,800     | 7,000   | 5,500     | 5,600   |
| <u>Southwest</u>          | 47,800    | 46,300  | 49,400    | 51,000  |
| Blue Earth                | 3,100     | 2,800   | 2,500     | 2,700   |
| Brown                     | 2,100     | 1,700   | 11,100    | 11,800  |
| Faribault                 | 2,300     | 1,900   | 3,500     | 3,500   |
| Freeborn                  | 4,400     | 3,500   | 7,100     | 7,100   |
| LeSueur                   | 3,400     | 3,400   | 9,200     | 9,700   |
| Martin                    | 2,600     | 2,500   | 3,100     | 3,600   |
| Nicollet                  | 1,600     | 1,500   | 9,200     | 9,800   |
| Rice                      | 2,300     | 2,200   | 19,300    | 20,400  |
| Steele                    | 1,800     | 1,600   | 11,000    | 11,500  |
| Waseca                    | 2,000     | 1,700   | 6,500     | 7,700   |
| Watsonwan                 | 2,000     | 1,700   | 2,300     | 2,400   |
| <u>South Central</u>      | 27,600    | 24,500  | 84,800    | 90,200  |
| Dakota                    | 2,200     | 2,100   | 8,700     | 9,000   |
| Dodge                     | 1,900     | 1,800   | 12,400    | 13,200  |
| Fillmore                  | 24,400    | 23,500  | 25,300    | 27,000  |
| Goodhue                   | 8,500     | 8,300   | 33,700    | 36,100  |
| Houston                   | 13,700    | 12,400  | 19,100    | 20,000  |
| Mower                     | 4,000     | 3,700   | 8,700     | 8,700   |
| Olmsted                   | 14,300    | 12,700  | 20,000    | 22,000  |
| Wabasha                   | 10,500    | 10,100  | 24,000    | 25,800  |
| Winona                    | 7,900     | 8,400   | 33,200    | 33,300  |
| <u>Southeast</u>          | 87,400    | 83,000  | 185,100   | 195,100 |
| Minnesota                 | 420,000   | 396,000 | 890,000   | 940,000 |

See note page 53.

# MINNESOTA HOGS AND PIGS BY QUARTERS

| Year and Quarter | All Hogs and Pigs | For Breeding Purposes | Market Hogs and Pigs |             |              |                   |
|------------------|-------------------|-----------------------|----------------------|-------------|--------------|-------------------|
|                  |                   |                       | Under 60 Lbs.        | 60-119 Lbs. | 120-179 Lbs. | 180 Lbs. and Over |
|                  | 1,000 Head        | 1,000 Head            | 1,000 Head           |             |              |                   |
| 1981: March..... | 4,450             | 665                   | 1,442                | 980         | 780          | 583               |
| June.....        | 4,350             | 650                   | 1,610                | 906         | 647          | 537               |
| September...     | 4,250             | 590                   | 1,596                | 945         | 625          | 494               |
| December....     | 4,300             | 580                   | 1,470                | 1,004       | 707          | 539               |
| 1982: March..... | 3,870             | 530                   | 1,269                | 875         | 698          | 498               |
| June.....        | 3,780             | 578                   | 1,304                | 794         | 592          | 512               |
| September...     | 3,950             | 573                   | 1,520                | 888         | 550          | 419               |
| December....     | 4,000             | 550                   | 1,415                | 915         | 672          | 448               |
| 1983: March..... | 4,220             | 599                   | 1,430                | 920         | 681          | 590               |
| June.....        | 4,470             | 598                   | 1,607                | 952         | 736          | 577               |
| September...     | 4,330             | 533                   | 1,458                | 923         | 801          | 615               |
| December....     | 4,400             | 598                   | 1,487                | 988         | 757          | 570               |
| 1984: March..... | 4,020             | 539                   | 1,264                | 870         | 776          | 571               |
| June.....        | 3,870             | 570                   | 1,390                | 850         | 590          | 470               |
| September...     | 3,900             | 500                   | 1,330                | 885         | 650          | 535               |
| December....     | 4,300             | 540                   | 1,448                | 996         | 771          | 545               |
| 1985: March..... | 4,200             | 521                   | 1,380                | 890         | 831          | 578               |
| June.....        | 4,000             | 500                   | 1,365                | 900         | 670          | 565               |
| September...     | 4,150             | 570                   | 1,600                | 795         | 655          | 530               |
| December....     | 4,100             | 525                   | 1,380                | 890         | 805          | 500               |
| 1986: March..... | 3,900             | 490                   | 1,315                | 840         | 690          | 565               |

# MINNESOTA SOWS FARROWED, PIG CROP, AND DISPOSITION

| Year | Spring            |          | Fall              |          | Annual Total      |          | Inship-ments | Market-ings 1/    | Farm 2/ Slaughter | Deaths | All Hogs On Farms Dec. 1 |
|------|-------------------|----------|-------------------|----------|-------------------|----------|--------------|-------------------|-------------------|--------|--------------------------|
|      | Sows Farrowed     | Pig Crop | Sows Farrowed     | Pig Crop | Sows Farrowed     | Pig Crop |              |                   |                   |        |                          |
|      | <u>1,000 Head</u> |          | <u>1,000 Head</u> |          | <u>1,000 Head</u> |          |              | <u>1,000 Head</u> |                   |        |                          |
| 1981 | 530               | 3,978    | 490               | 3,623    | 1,020             | 7,601    | 215          | 8,116             | 30                | 470    | 4,300                    |
| 1982 | 450               | 3,345    | 475               | 3,588    | 925               | 6,933    | 217          | 7,030             | 20                | 400    | 4,000                    |
| 1983 | 510               | 3,964    | 470               | 3,595    | 980               | 7,559    | 176          | 6,930             | 15                | 390    | 4,400                    |
| 1984 | 435               | 3,357    | 445               | 3,450    | 880               | 6,807    | 239          | 6,721             | 15                | 410    | 4,300                    |
| 1985 | 435               | 3,439    | 450               | 3,578    | 885               | 7,017    | 288          | 7,137             | 18                | 350    | 4,100                    |

1/ Excludes interfarm sales.

2/ Excludes custom slaughter for farmers at commercial establishments.

## MINNESOTA HOG PRODUCTION AND INCOME

| Year | Production 1/<br>1,000 Pounds | Marketings 2/<br>1,000 Pounds | Price Per<br>100 Lbs.<br>Dollars | Cash<br>Receipts 3/<br>1,000 Dollars | Gross<br>Income 4/<br>1,000 Dollars |
|------|-------------------------------|-------------------------------|----------------------------------|--------------------------------------|-------------------------------------|
| 1981 | 1,694,340                     | 1,798,028                     | 43.60                            | 792,788                              | 801,241                             |
| 1982 | 1,539,700                     | 1,582,145                     | 52.60                            | 844,522                              | 851,591                             |
| 1983 | 1,626,788                     | 1,564,300                     | 46.90                            | 741,410                              | 747,151                             |
| 1984 | 1,488,512                     | 1,510,990                     | 47.50                            | 726,857                              | 733,490                             |
| 1985 | 1,572,043                     | 1,601,561                     | 44.40                            | 721,397                              | 726,656                             |

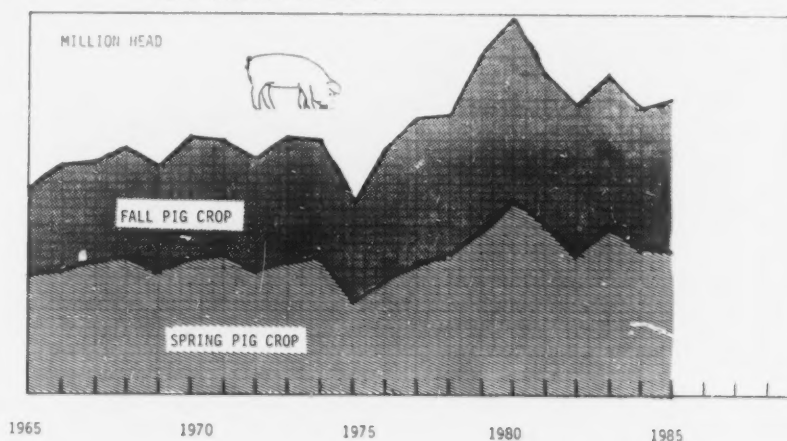
1/ Adjustments made for number shipped in and changes in inventory.

2/ Excludes interfarm sales.

3/ Includes receipts from marketings and sales of farm slaughtered meats.

4/ Includes value of home consumption on farms.

TOTAL MINNESOTA PIG CROP 1/



1/ Fall pig crop is for June through November. Spring pig crop is for December of the previous year through May current year.

## MINNESOTA MINK PRODUCTION

| Year    | Number of Mink Farms | Pelts Produced | Females Bred 1/ |
|---------|----------------------|----------------|-----------------|
| 1980 2/ | 158                  | 443,100        | 137,300         |
| 1982    | 144                  | 542,300        | 143,600         |
| 1983    | 148                  | 553,800        | 142,100         |
| 1984    | 156                  | 591,600        | 146,900         |
| 1985 3/ |                      |                |                 |

1/ Females bred to produce kits the following year.

2/ No survey was done for 1981 because of budget cuts.

3/ Not available at time of publication.

# MINNESOTA HOGS AND PIGS, DECEMBER 1, BY DISTRICTS AND COUNTIES

| District<br>and<br>County | *  | All Hogs<br>Dec. 1 |         | *  | Sows<br>Farrowed |         | *  | Pig<br>Crop |           |
|---------------------------|----|--------------------|---------|----|------------------|---------|----|-------------|-----------|
|                           |    | 1984               | 1985    |    | 1984             | 1985    |    | 1984        | 1985      |
|                           |    | Number             |         |    | Number           |         |    | Number      |           |
| Becker                    |    | 11,000             | 8,700   |    | 2,900            | 2,600   |    | 22,000      | 20,200    |
| Clay                      |    | 14,100             | 12,800  |    | 2,900            | 2,900   |    | 22,000      | 22,500    |
| Clearwater                |    | 3,000              | 2,500   |    | 1,600            | 1,400   |    | 12,100      | 10,900    |
| Kittson                   |    | 900                | 1,700   |    | 400              | 700     |    | 3,000       | 5,400     |
| Mahnomen                  |    | 5,200              | 4,100   |    | 1,700            | 1,600   |    | 12,900      | 12,400    |
| Marshall                  |    | 9,200              | 7,400   |    | 3,100            | 2,600   |    | 23,500      | 20,200    |
| Norman                    |    | 7,000              | 8,200   |    | 2,000            | 2,200   |    | 15,100      | 17,100    |
| Pennington                |    | 5,900              | 4,900   |    | 1,900            | 1,900   |    | 14,400      | 14,700    |
| Polk                      |    | 12,400             | 11,900  |    | 3,400            | 3,400   |    | 25,700      | 26,400    |
| Red Lake                  |    | 3,800              | 3,500   |    | 1,000            | 1,000   |    | 7,600       | 7,800     |
| Roseau                    |    | 3,800              | 4,000   |    | 1,700            | 1,400   |    | 12,900      | 10,900    |
| <u>Northwest</u>          |    | 76,300             | 69,700  |    | 22,600           | 21,700  |    | 171,200     | 168,500   |
| Beltrami                  |    | 8,600              | 8,200   |    | 2,100            | 2,400   |    | 15,900      | 18,600    |
| Cass                      |    | 7,900              | 9,400   |    | 2,800            | 2,800   |    | 21,200      | 21,700    |
| Hubbard                   |    | 8,600              | 9,000   |    | 2,800            | 2,700   |    | 21,200      | 21,000    |
| Itasca                    |    | 3,700              | 4,900   |    | 1,600            | 1,900   |    | 12,100      | 14,800    |
| Koochiching               |    | 1,000              | 1,200   |    | 400              | 400     |    | 3,100       | 3,100     |
| Lake of the Woods         |    | 700                | 1,200   |    | 300              | 500     |    | 2,300       | 3,900     |
| <u>North Central</u>      |    | 30,500             | 33,900  |    | 10,000           | 10,700  |    | 75,800      | 83,100    |
| Cook                      | -- | --                 | --      | -- | --               | --      | -- | --          | --        |
| Lake                      | -- | --                 | --      | -- | --               | --      | -- | --          | --        |
| St. Louis                 |    | 2,900              | 2,800   |    | 900              | 800     |    | 6,800       | 6,200     |
| <u>Northeast</u>          |    | 2,900              | 2,800   |    | 900              | 800     |    | 6,800       | 6,200     |
| Big Stone                 |    | 37,500             | 33,900  |    | 8,100            | 8,100   |    | 62,600      | 64,200    |
| Chippewa                  |    | 42,500             | 52,000  |    | 9,700            | 10,600  |    | 75,000      | 84,000    |
| Douglas                   |    | 18,000             | 17,500  |    | 5,500            | 5,400   |    | 42,500      | 42,800    |
| Grant                     |    | 18,600             | 19,000  |    | 5,600            | 5,400   |    | 43,300      | 42,800    |
| Lac Qui Parle             |    | 46,000             | 47,000  |    | 8,500            | 11,100  |    | 65,700      | 87,900    |
| Otter Tail                |    | 48,000             | 44,100  |    | 17,400           | 16,000  |    | 134,500     | 126,700   |
| Pope                      |    | 23,100             | 24,600  |    | 6,200            | 6,600   |    | 47,900      | 52,300    |
| Stevens                   |    | 56,000             | 52,000  |    | 13,800           | 12,800  |    | 106,700     | 101,400   |
| Swift                     |    | 41,000             | 40,700  |    | 7,900            | 8,400   |    | 61,100      | 66,500    |
| Traverse                  |    | 18,800             | 17,500  |    | 3,100            | 2,800   |    | 23,900      | 22,200    |
| Wilkin                    |    | 13,900             | 15,200  |    | 3,000            | 2,900   |    | 23,200      | 23,000    |
| Yellow Medicine           |    | 54,000             | 63,000  |    | 11,300           | 11,900  |    | 87,300      | 94,300    |
| <u>West Central</u>       |    | 417,400            | 426,500 |    | 100,100          | 102,000 |    | 773,700     | 808,100   |
| Benton                    |    | 30,900             | 29,500  |    | 10,200           | 10,400  |    | 78,300      | 81,900    |
| Carver                    |    | 39,000             | 35,500  |    | 7,000            | 6,800   |    | 53,700      | 53,500    |
| Kandiyohi                 |    | 70,000             | 65,800  |    | 15,600           | 16,300  |    | 119,800     | 128,300   |
| McLeod                    |    | 54,800             | 53,300  |    | 12,400           | 11,500  |    | 95,200      | 90,500    |
| Meeker                    |    | 79,800             | 73,700  |    | 19,100           | 17,200  |    | 146,700     | 135,400   |
| Morrison                  |    | 48,000             | 43,000  |    | 17,400           | 17,200  |    | 133,600     | 135,400   |
| Renville                  |    | 116,800            | 109,700 |    | 22,200           | 20,800  |    | 170,500     | 163,700   |
| Scott                     |    | 31,500             | 29,500  |    | 4,800            | 4,900   |    | 36,900      | 38,600    |
| Sherburne                 |    | 19,000             | 21,000  |    | 5,400            | 5,100   |    | 41,500      | 40,100    |
| Sibley                    |    | 104,000            | 108,000 |    | 19,500           | 20,800  |    | 149,700     | 163,700   |
| Stearns                   |    | 123,300            | 118,000 |    | 35,600           | 33,100  |    | 273,400     | 260,500   |
| Todd                      |    | 32,000             | 29,500  |    | 12,500           | 11,900  |    | 96,000      | 93,700    |
| Wadena                    |    | 18,300             | 16,500  |    | 6,200            | 5,900   |    | 47,600      | 46,400    |
| Wright                    |    | 42,000             | 37,000  |    | 12,000           | 11,300  |    | 92,100      | 88,900    |
| <u>Central</u>            |    | 809,400            | 770,000 |    | 199,900          | 193,200 |    | 1,535,000   | 1,520,600 |

# MINNESOTA HOGS AND PIGS, DECEMBER 1, BY DISTRICTS AND COUNTIES (CONT'D)

| District<br>and<br>County | All Hogs  |           | Sows<br>Farrowed |         | Pig<br>Crop |           |
|---------------------------|-----------|-----------|------------------|---------|-------------|-----------|
|                           | 1984      | 1985      | 1984             | 1985    | 1984        | 1985      |
|                           | Number    | Number    | Number           | Number  | Number      | Number    |
| Aitkin                    | 2,100     | 1,700     | 900              | 700     | 6,900       | 5,500     |
| Anoka                     | 10,500    | 8,500     | 1,600            | 1,400   | 12,200      | 10,900    |
| Carlton                   | 1,400     | 1,200     | 200              | 200     | 1,500       | 1,600     |
| Chisago                   | 12,300    | 9,800     | 2,700            | 2,300   | 20,600      | 18,000    |
| Crow Wing                 | 6,400     | 5,300     | 2,500            | 2,500   | 19,100      | 19,500    |
| Hennepin                  | 9,600     | 9,200     | 1,900            | 1,800   | 14,500      | 14,100    |
| Isanti                    | 15,500    | 13,100    | 3,900            | 3,800   | 29,700      | 29,700    |
| Kanabec                   | 12,500    | 13,400    | 3,300            | 3,300   | 25,200      | 25,800    |
| Mille Lacs                | 7,100     | 8,700     | 2,600            | 3,200   | 19,800      | 25,000    |
| Pine                      | 6,300     | 5,700     | 2,000            | 1,800   | 15,200      | 14,100    |
| Ramsey                    | 900       | 800       | --               | 100     | --          | 800       |
| Washington                | 9,300     | 8,700     | 1,700            | 1,500   | 13,000      | 11,700    |
| East Central              | 93,900    | 86,100    | 23,300           | 22,600  | 177,700     | 176,700   |
| Cottonwood                | 79,800    | 80,000    | 12,300           | 13,900  | 95,700      | 110,800   |
| Jackson                   | 156,000   | 148,700   | 24,500           | 25,500  | 190,600     | 203,400   |
| Lincoln                   | 50,100    | 53,000    | 10,100           | 11,300  | 78,600      | 90,100    |
| Lyon                      | 91,200    | 91,000    | 18,700           | 19,000  | 145,500     | 151,500   |
| Murray                    | 102,000   | 97,000    | 17,300           | 17,200  | 134,600     | 137,200   |
| Nobles                    | 126,000   | 135,000   | 27,200           | 27,600  | 211,600     | 220,100   |
| Pipestone                 | 56,500    | 53,800    | 10,400           | 10,700  | 80,900      | 85,300    |
| Redwood                   | 128,000   | 118,000   | 24,000           | 23,000  | 186,700     | 183,400   |
| Rock                      | 94,000    | 95,000    | 16,500           | 17,000  | 128,400     | 135,600   |
| Southwest                 | 883,600   | 871,500   | 161,000          | 165,200 | 1,252,600   | 1,317,400 |
| Blue Earth                | 152,800   | 129,000   | 23,600           | 22,000  | 186,000     | 177,700   |
| Brown                     | 137,900   | 122,500   | 20,700           | 18,800  | 163,200     | 151,900   |
| Faribault                 | 142,000   | 128,500   | 23,500           | 24,000  | 185,200     | 193,900   |
| Freeborn                  | 158,400   | 141,000   | 30,800           | 28,000  | 242,800     | 226,200   |
| LeSueur                   | 77,400    | 72,700    | 15,100           | 15,500  | 119,000     | 125,200   |
| Martin                    | 178,000   | 162,000   | 34,300           | 36,000  | 270,400     | 290,900   |
| Nicollet                  | 115,000   | 110,000   | 19,600           | 21,900  | 154,500     | 176,900   |
| Rice                      | 102,200   | 94,000    | 20,100           | 20,500  | 158,400     | 165,600   |
| Steele                    | 78,500    | 66,800    | 12,800           | 12,900  | 100,900     | 104,200   |
| Waseca                    | 71,000    | 68,000    | 15,000           | 15,400  | 118,200     | 124,400   |
| Watsonwan                 | 75,300    | 80,000    | 13,100           | 16,000  | 103,300     | 129,300   |
| South Central             | 1,288,500 | 1,174,500 | 228,600          | 231,000 | 1,801,900   | 1,866,200 |
| Dakota                    | 47,700    | 44,000    | 8,300            | 9,200   | 62,900      | 71,400    |
| Dodge                     | 58,400    | 59,000    | 11,400           | 12,000  | 86,400      | 93,200    |
| Fillmore                  | 143,000   | 134,000   | 26,500           | 28,100  | 200,800     | 218,200   |
| Goodhue                   | 65,600    | 65,000    | 13,500           | 13,900  | 102,300     | 108,000   |
| Houston                   | 71,100    | 62,000    | 12,100           | 11,800  | 91,700      | 91,600    |
| Mower                     | 140,800   | 141,100   | 27,800           | 28,700  | 210,600     | 222,900   |
| Olmsted                   | 59,900    | 53,000    | 12,000           | 11,600  | 90,900      | 90,100    |
| Wabasha                   | 58,000    | 55,000    | 12,000           | 11,600  | 90,900      | 90,100    |
| Winona                    | 53,000    | 51,900    | 10,000           | 10,900  | 75,800      | 84,700    |
| Southeast                 | 697,500   | 665,000   | 133,600          | 137,800 | 1,012,300   | 1,070,200 |
| Minnesota                 | 4,300,000 | 4,100,000 | 880,000          | 885,000 | 6,807,000   | 7,017,000 |

See note page 53.

## MINNESOTA SHEEP AND LAMBS

| Year | On Farms, January 1             |                          |                              | Lambs<br>Saved | Marketings 1/<br> | Cash<br>Receipts 2/<br> | Gross<br>Income 3/<br> |
|------|---------------------------------|--------------------------|------------------------------|----------------|-------------------|-------------------------|------------------------|
|      | Total<br>All Sheep<br>and Lambs | On Feed<br>For<br>Market | Stock<br>(Breeding)<br>Sheep |                |                   |                         |                        |
|      | 1,000 Head                      |                          |                              | 1,000 Head     |                   | 1,000 Dollars           |                        |
| 1981 | 295                             | 45                       | 250                          | 245            | 223               | 11,156                  | 11,434                 |
| 1982 | 335                             | 60                       | 275                          | 245            | 305               | 14,716                  | 15,126                 |
| 1983 | 300                             | 65                       | 235                          | 235            | 299               | 15,480                  | 15,654                 |
| 1984 | 255                             | 55                       | 200                          | 225            | 244               | 14,448                  | 14,696                 |
| 1985 | 255                             | 70                       | 185                          | 190            | 247               | 16,387                  | 16,628                 |
| 1986 | 213                             | 63                       | 150                          | ---            | ---               | ---                     | ---                    |

1/ Excludes interfarm sales.

2/ Includes receipts from marketings and sales of farm slaughtered meat.

3/ Includes value of home consumption on farms.

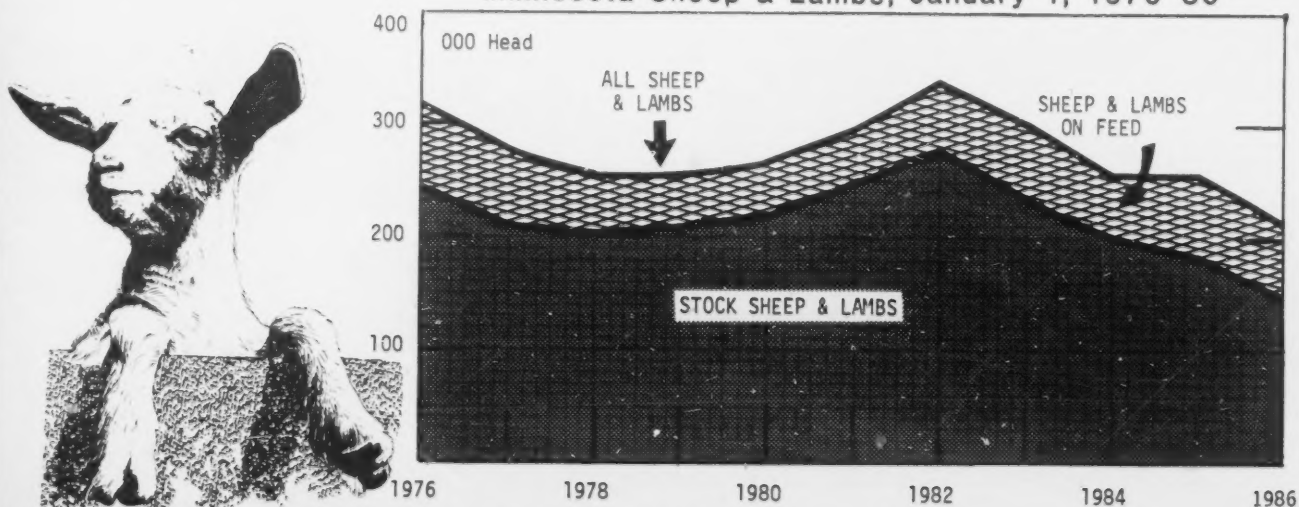
## MINNESOTA WOOL

| Year | Sheep Shorn 1/ | Weight<br>Per Fleece | Production<br>Total | Annual Average<br>Price Per<br>Pound 2/ | Value         |
|------|----------------|----------------------|---------------------|-----------------------------------------|---------------|
|      | 1,000 Head     | Pounds               | 1,000 Pounds        | Cents                                   | 1,000 Dollars |
| 1981 | 308            | 7.3                  | 2,242               | 70                                      | 1,569         |
| 1982 | 310            | 7.3                  | 2,264               | 48                                      | 1,087         |
| 1983 | 305            | 6.9                  | 2,110               | 39                                      | 823           |
| 1984 | 285            | 7.0                  | 1,985               | 54                                      | 1,072         |
| 1985 | 240            | 7.0                  | 1,675               | 44                                      | 737           |

1/ Includes sheep shorn at commercial feeding yards.

2/ Average local market price for wool sold; does not include incentive payments.

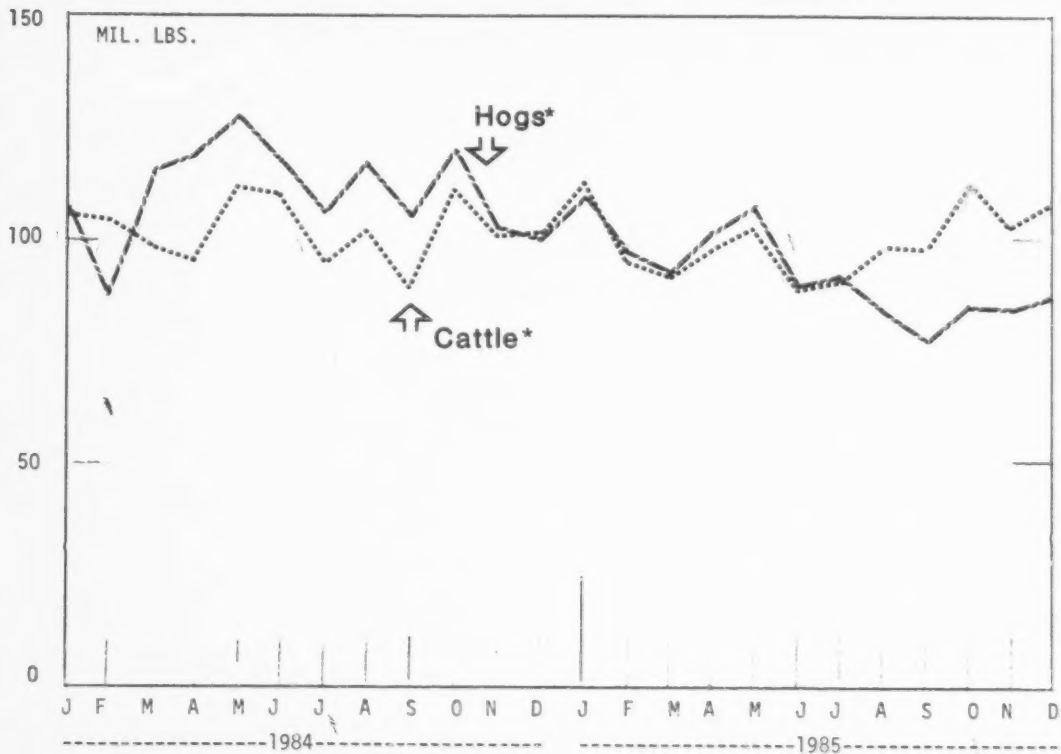
Minnesota Sheep & Lambs, January 1, 1976-86



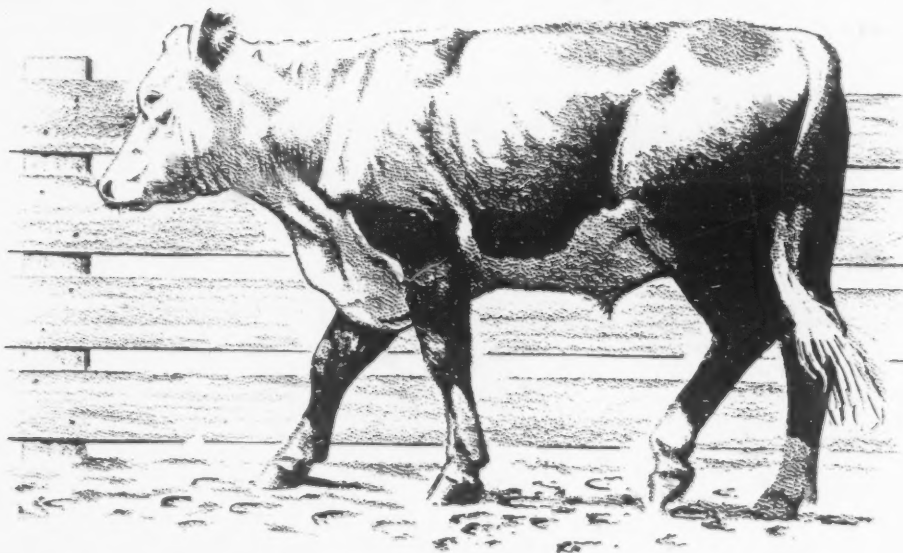
# MINNESOTA COMMERCIAL LIVESTOCK SLAUGHTER

| Month             | CATTLE             |         |                |       |              | CALVES             |        |                |              |              |        |        |
|-------------------|--------------------|---------|----------------|-------|--------------|--------------------|--------|----------------|--------------|--------------|--------|--------|
|                   | Number Slaughtered |         | Liveweight     |       | Total Weight | Number Slaughtered |        | Liveweight     |              | Total Weight |        |        |
|                   |                    |         | Average Weight |       |              |                    |        | Average Weight |              |              |        |        |
|                   | 1984               | 1985    | 1984           | 1985  | 1984         | 1985               | 1984   | 1985           | 1984         | 1985         |        |        |
|                   | 1,000 Head         |         | Pounds         |       | 1,000 Head   |                    | Pounds |                | 1,000 Pounds |              |        |        |
| January.....      | 96.0               | 97.7    | 1,111          | 1,159 | 106,634      | 113,281            | 0.4    | 0.4            | 221          | 202          | 84     | 83     |
| February....      | 92.3               | 80.8    | 1,130          | 1,181 | 104,317      | 95,448             | 0.4    | 0.3            | 207          | 212          | 87     | 69     |
| March.....        | 86.4               | 78.6    | 1,145          | 1,183 | 98,957       | 92,957             | 0.4    | 0.3            | 213          | 233          | 95     | 80     |
| April.....        | 83.4               | 82.4    | 1,154          | 1,195 | 96,227       | 98,429             | 0.3    | 0.4            | 232          | 222          | 76     | 80     |
| May.....          | 98.6               | 85.9    | 1,142          | 1,197 | 112,675      | 102,819            | 0.4    | 0.4            | 102          | 214          | 207    | 91     |
| June.....         | 97.0               | 75.0    | 1,142          | 1,186 | 110,835      | 88,978             | 0.3    | 0.3            | 229          | 242          | 78     | 70     |
| July.....         | 84.5               | 78.7    | 1,132          | 1,170 | 95,727       | 91,998             | 0.3    | 0.3            | 237          | 228          | 73     | 62     |
| August.....       | 91.9               | 83.3    | 1,118          | 1,168 | 102,713      | 97,244             | 0.3    | 0.3            | 223          | 219          | 75     | 65     |
| September...      | 79.4               | 83.1    | 1,128          | 1,170 | 89,643       | 97,242             | 0.3    | 0.3            | 235          | 206          | 70     | 61     |
| October.....      | 97.1               | 97.2    | 1,145          | 1,161 | 111,196      | 112,879            | 0.4    | 0.4            | 198          | 209          | 78     | 82     |
| November....      | 89.5               | 88.9    | 1,138          | 1,164 | 101,873      | 103,469            | 0.3    | 0.4            | 250          | 207          | 85     | 79     |
| December....      | 89.3               | 94.0    | 1,143          | 1,149 | 102,085      | 108,034            | 0.4    | 0.4            | 217          | 232          | 81     | 91     |
| ANNUAL TOTAL..... | 1,085.6            | 1,025.5 | 1,136          | 1,173 | 1,232,881    | 1,202,777          | 4.4    | 4.1            | 222          | 218          | 973    | 894    |
|                   | SHEEP AND LAMBS    |         |                |       |              |                    |        |                |              |              |        |        |
|                   | HOGS               |         |                |       |              |                    |        |                |              |              |        |        |
| January.....      | 444.1              | 454.0   | 241            | 242   | 107,164      | 109,859            | 42.0   | 38.0           | 116          | 118          | 4,859  | 4,497  |
| February....      | 365.9              | 404.3   | 241            | 241   | 88,232       | 97,360             | 40.6   | 31.5           | 117          | 119          | 4,753  | 3,766  |
| March.....        | 479.5              | 393.1   | 241            | 239   | 115,531      | 93,947             | 42.2   | 34.9           | 121          | 122          | 5,095  | 4,272  |
| April.....        | 497.2              | 427.4   | 240            | 240   | 119,534      | 102,618            | 38.7   | 32.9           | 121          | 123          | 4,666  | 4,050  |
| May.....          | 526.8              | 443.7   | 243            | 243   | 128,085      | 107,595            | 36.0   | 29.9           | 115          | 117          | 4,154  | 3,492  |
| June.....         | 483.6              | 369.1   | 245            | 242   | 118,463      | 89,135             | 34.1   | 28.0           | 112          | 111          | 3,813  | 3,107  |
| July.....         | 438.9              | 392.6   | 242            | 236   | 106,389      | 92,685             | 38.4   | 44.3           | 111          | 111          | 4,268  | 4,928  |
| August.....       | 490.7              | 358.9   | 241            | 235   | 118,430      | 84,509             | 40.1   | 43.8           | 110          | 112          | 4,426  | 4,904  |
| September...      | 445.1              | 330.9   | 240            | 236   | 106,635      | 77,969             | 38.6   | 38.2           | 112          | 112          | 4,322  | 4,264  |
| October.....      | 496.5              | 360.4   | 242            | 236   | 120,127      | 85,171             | 45.2   | 44.6           | 113          | 115          | 5,116  | 5,122  |
| November....      | 425.5              | 355.0   | 244            | 238   | 103,948      | 84,594             | 37.6   | 35.7           | 115          | 118          | 4,332  | 4,213  |
| December....      | 412.2              | 368.7   | 244            | 238   | 100,704      | 87,880             | 33.6   | 35.6           | 119          | 119          | 3,990  | 4,244  |
| ANNUAL TOTAL..... | 5,506.0            | 4,658.1 | 242            | 239   | 1,333,241    | 1,113,322          | 467.1  | 437.4          | 115          | 116          | 53,796 | 50,861 |

## MINNESOTA'S BEEF AND PORK PRODUCTION



\*Total liveweight of cattle and hogs commercially slaughtered.





## DAIRY

Minnesota's milk production totaled 10.8 billion pounds in 1985, 5% more than 1984. The state's share of national production in 1985 was 8%. The 12-month average number of milk cows was 915 versus 887 in 1984.

The average milk per cow was 11,847 in 1985, up 200 pounds from 1984.

The count of plant patrons selling milk or cream in June 1985 totaled 22,168. This compares with the revised totals of 23,247 for June 1984 and 24,776 for June 1983.

### MINNESOTA MILK PRODUCTION, DISPOSITION, AND INCOME

| Year | Total Milk Produced | Disposition of Milk Produced |                            |                        | Cash Receipts | Gross Producer Income |
|------|---------------------|------------------------------|----------------------------|------------------------|---------------|-----------------------|
|      |                     | Used on Farm Where Produced  |                            | Sale of Wholesale Milk |               |                       |
|      |                     | Fed to Calves                | Consumed in Farm Household |                        |               |                       |
|      | Mil.Lbs.            | Million Pounds               |                            |                        | 1,000 Dollars | 1,000 Dollars         |
| 1981 | 10,061              | 50                           | 21                         | 9,990                  | 1,306,692     | 1,309,430             |
| 1982 | 10,341              | 50                           | 21                         | 10,270                 | 1,333,046     | 1,335,772             |
| 1983 | 10,913              | 56                           | 22                         | 10,835                 | 1,402,049     | 1,404,896             |
| 1984 | 10,331              | 244                          | 22                         | 10,065                 | 1,290,333     | 1,293,153             |
| 1985 | 10,840              | 150                          | 20                         | 10,670                 | 1,285,735     | 1,288,145             |

### MINNESOTA MANUFACTURED DAIRY PRODUCTS

| Year | Butter       | All Cheese | American Cheese | Non-Fat Dry Milk Solids | Dry Whey & Whey Fraction Solids | Ice Cream     | Ice Milk | Milk Sherbet |
|------|--------------|------------|-----------------|-------------------------|---------------------------------|---------------|----------|--------------|
|      | 1,000 Pounds |            |                 |                         |                                 | 1,000 Gallons |          |              |
| 1981 | 176,122      | 558,004    | 490,734         | 186,069                 | 276,596                         | 33,772        | 5,263    | 1,629        |
| 1982 | 179,226      | 567,430    | 501,619         | 188,193                 | 291,547                         | 35,137        | 6,065    | 1,567        |
| 1983 | 177,574      | 587,544    | 529,203         | 204,223                 | 293,972                         | 37,422        | 6,245    | 1,873        |
| 1984 | 148,681      | 560,858    | 494,964         | 159,685                 | 309,721                         | 37,342        | 8,590    | 1,727        |
| 1985 | 156,035      | 595,144    | 549,482         | 171,012                 | 336,926                         | 37,057        | 10,591   | 1,703        |

# MINNESOTA MONTHLY DAIRY PRODUCTION

MILK COWS ON FARMS, EXCLUDES HEIFERS THAT HAVE NOT CALVED  
(Thousands)

| Year    | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------|------|------|------|-----|------|------|------|-------|------|------|------|--------|
| 1981    | 880  | 880  | 880  | 880  | 880 | 880  | 880  | 885  | 890   | 895  | 900  | 905  | 886    |
| 1982 1/ | 910  | 910  | 910  | 910  | 910 | 910  | 900  | 900  | 900   | 890  | 890  | 890  | 903    |
| 1983    | 890  | 891  | 892  | 894  | 896 | 898  | 900  | 902  | 904   | 906  | 908  | 910  | 899    |
| 1984    | 900  | 895  | 895  | 885  | 885 | 885  | 880  | 880  | 880   | 880  | 885  | 890  | 887    |
| 1985    | 890  | 895  | 900  | 905  | 910 | 915  | 920  | 920  | 925   | 930  | 930  | 935  | 915    |

MILK PRODUCTION ON FARMS  
(Million Pounds)

|         |     |     |       |     |       |       |     |     |     |     |     |     |        |
|---------|-----|-----|-------|-----|-------|-------|-----|-----|-----|-----|-----|-----|--------|
| 1981    | 840 | 814 | 955   | 933 | 968   | 942   | 836 | 774 | 730 | 725 | 725 | 819 | 10,061 |
| 1982 1/ | 883 | 842 | 960   | 950 | 997   | 965   | 860 | 789 | 745 | 775 | 755 | 820 | 10,341 |
| 1983    | 926 | 882 | 1,004 | 997 | 1,039 | 1,006 | 923 | 848 | 786 | 811 | 808 | 883 | 10,913 |
| 1984    | 918 | 882 | 962   | 947 | 974   | 920   | 845 | 779 | 744 | 766 | 757 | 837 | 10,331 |
| 1985    | 890 | 837 | 954   | 959 | 1,019 | 974   | 938 | 883 | 819 | 846 | 828 | 893 | 10,840 |

PERCENTAGE OF FAT IN MILK SOLD BY FARMERS TO DAIRY PLANTS  
(Percent)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 3.70 | 3.66 | 3.62 | 3.60 | 3.57 | 3.53 | 3.51 | 3.53 | 3.62 | 3.75 | 3.74 | 3.73 | 3.63 |
| 1982 | 3.73 | 3.68 | 3.66 | 3.65 | 3.60 | 3.55 | 3.51 | 3.50 | 3.64 | 3.75 | 3.75 | 3.72 | 3.65 |
| 1983 | 3.70 | 3.67 | 3.64 | 3.64 | 3.60 | 3.52 | 3.47 | 3.44 | 3.58 | 3.74 | 3.79 | 3.80 | 3.63 |
| 1984 | 3.75 | 3.68 | 3.69 | 3.64 | 3.60 | 3.53 | 3.51 | 3.50 | 3.64 | 3.71 | 3.77 | 3.75 | 3.65 |
| 1985 | 3.74 | 3.72 | 3.67 | 3.63 | 3.54 | 3.50 | 3.45 | 3.51 | 3.63 | 3.75 | 3.77 | 3.76 | 3.63 |

BUTTER MANUFACTURED  
(Million Pounds)

|         |      |      |      |      |      |      |      |      |      |      |      |      |       |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1981    | 14.5 | 13.6 | 15.8 | 15.8 | 16.4 | 15.1 | 13.5 | 14.4 | 13.5 | 13.9 | 14.2 | 15.4 | 176.1 |
| 1982 1/ | 15.8 | 14.8 | 16.7 | 16.4 | 16.8 | 16.2 | 14.7 | 13.6 | 13.5 | 13.2 | 13.3 | 14.4 | 179.2 |
| 1983    | 15.6 | 14.5 | 16.6 | 16.4 | 16.8 | 15.9 | 13.6 | 13.5 | 13.0 | 13.5 | 13.7 | 14.4 | 177.6 |
| 1984    | 14.6 | 13.5 | 14.1 | 13.6 | 13.8 | 12.6 | 12.4 | 10.6 | 10.5 | 11.2 | 10.2 | 11.6 | 148.7 |
| 1985    | 12.3 | 11.6 | 13.3 | 13.8 | 14.1 | 13.7 | 13.5 | 13.2 | 13.3 | 12.5 | 11.8 | 13.0 | 156.0 |

AMERICAN CHEESE MANUFACTURED  
(Million Pounds)

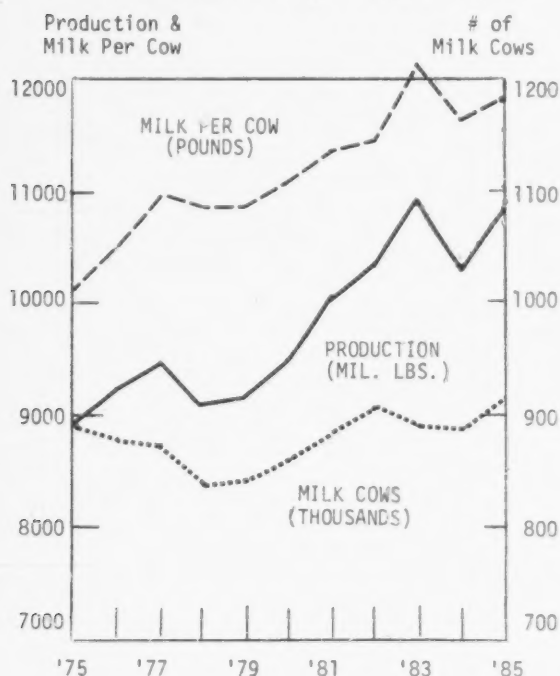
|         |      |      |      |      |      |      |      |      |      |      |      |      |       |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1981    | 44.5 | 41.4 | 46.7 | 45.0 | 47.1 | 44.4 | 38.3 | 33.9 | 33.1 | 37.5 | 36.8 | 42.1 | 490.7 |
| 1982 1/ | 43.6 | 40.6 | 45.6 | 44.4 | 45.5 | 44.7 | 41.5 | 35.0 | 37.4 | 40.9 | 39.5 | 43.0 | 501.6 |
| 1983    | 45.3 | 43.1 | 49.0 | 48.1 | 50.5 | 48.3 | 44.3 | 38.0 | 36.3 | 41.4 | 40.6 | 44.3 | 529.2 |
| 1984    | 44.3 | 41.3 | 46.8 | 46.3 | 48.7 | 42.9 | 35.7 | 35.1 | 34.9 | 37.5 | 38.5 | 43.0 | 495.0 |
| 1985    | 44.6 | 42.0 | 48.3 | 47.6 | 51.0 | 49.9 | 45.0 | 44.5 | 40.0 | 45.4 | 44.6 | 46.7 | 549.5 |

1/ Monthly totals in 1982 derived, consistent with previously published quarterly estimates.

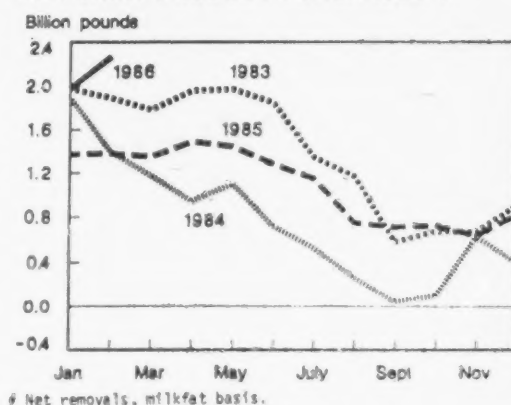


## A GRAPHIC GUIDE TO DAIRY PRODUCTION

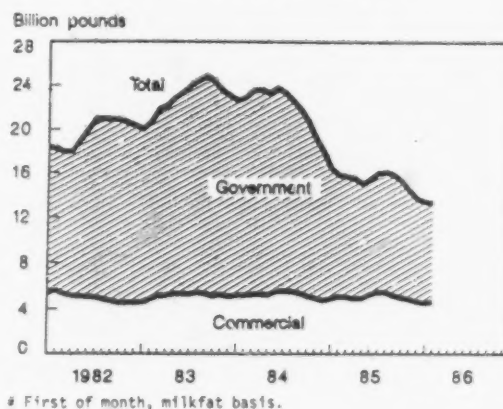
### Minnesota Dairy Production



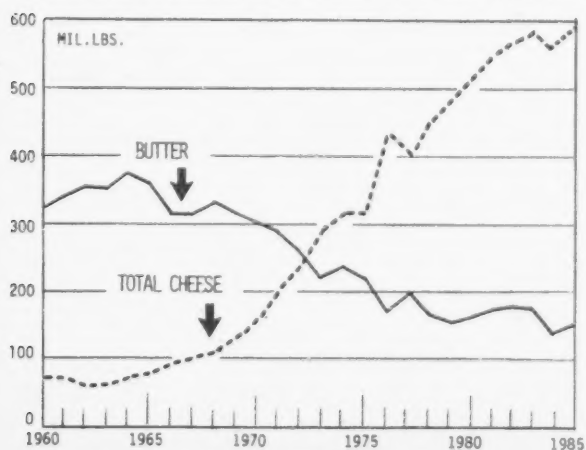
### U.S. DAIRY PRODUCT PURCHASES \*



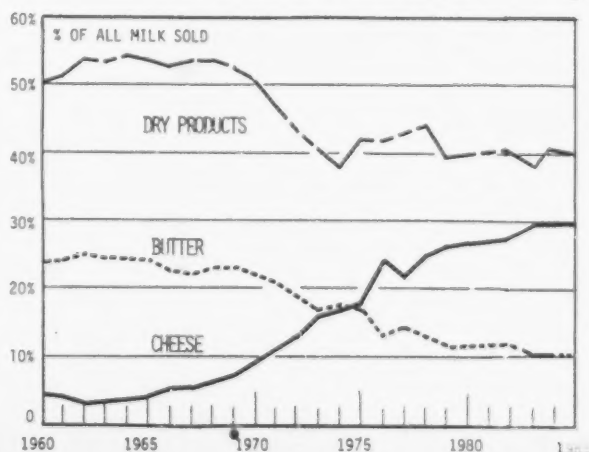
### U.S. DAIRY PRODUCT STOCKS \*



### Minnesota Production of Butter & Total Cheese



### Minnesota Utilization of Milk Sold (Fat & Nonfat Solids Equiv.)



# MINNESOTA MILK COWS AND PRODUCTION, BY DISTRICTS AND COUNTIES

| District<br>and<br>County | Milk Cows<br>on Farms |         | Production<br>per Cow |      | Total<br>Production |           |
|---------------------------|-----------------------|---------|-----------------------|------|---------------------|-----------|
|                           | 1984                  | 1985    | 1984                  | 1985 | 1984                | 1985      |
|                           | Number                |         | Thousand lbs.         |      | Thousand lbs.       |           |
| Becker                    | 13,400                | 13,700  | 12.0                  | 12.4 | 161,000             | 170,000   |
| Clay                      | 4,000                 | 4,000   | 11.5                  | 12.3 | 46,000              | 49,000    |
| Clearwater                | 4,000                 | 3,900   | 11.5                  | 11.5 | 46,000              | 45,000    |
| Kittson                   | 600                   | 600     | 11.7                  | 11.7 | 7,000               | 7,000     |
| Mahnomen                  | 3,200                 | 3,000   | 9.7                   | 11.0 | 31,000              | 33,000    |
| Marshall                  | 3,000                 | 2,600   | 11.3                  | 11.2 | 34,000              | 29,000    |
| Norman                    | 3,700                 | 3,600   | 11.6                  | 10.8 | 43,000              | 39,000    |
| Pennington                | 3,500                 | 3,700   | 10.6                  | 11.1 | 37,000              | 41,000    |
| Polk                      | 6,800                 | 6,800   | 11.5                  | 11.3 | 78,000              | 77,000    |
| Red Lake                  | 2,800                 | 3,000   | 11.1                  | 11.3 | 31,000              | 34,000    |
| Roseau                    | 6,000                 | 6,300   | 11.5                  | 11.7 | 69,000              | 73,000    |
| <u>Northwest</u>          | 51,000                | 51,200  | 11.4                  | 11.7 | 583,000             | 597,000   |
| Beltrami                  | 4,000                 | 4,100   | 11.3                  | 11.0 | 45,000              | 45,000    |
| Cass                      | 4,100                 | 4,400   | 9.5                   | 10.7 | 39,000              | 47,000    |
| Hubbard                   | 1,400                 | 1,700   | 11.4                  | 11.8 | 16,000              | 20,000    |
| Itasca                    | 1,300                 | 1,400   | 11.5                  | 10.7 | 15,000              | 15,000    |
| Koochiching               | 600                   | 800     | 10.0                  | 10.0 | 6,000               | 8,000     |
| Lake of the Woods         | 500                   | 600     | 10.0                  | 10.0 | 5,000               | 6,000     |
| <u>North Cent.</u>        | 11,900                | 13,000  | 10.6                  | 10.8 | 126,000             | 141,000   |
| Cook                      | --                    | --      | --                    | --   | --                  | --        |
| Lake                      | --                    | --      | --                    | --   | --                  | --        |
| St. Louis                 | 3,500                 | 3,600   | 11.1                  | 11.4 | 39,000              | 41,000    |
| <u>Northeast</u>          | 3,500                 | 3,600   | 11.1                  | 11.4 | 39,000              | 41,000    |
| Big Stone                 | 2,400                 | 2,600   | 10.4                  | 10.4 | 25,000              | 27,000    |
| Chippewa                  | 1,900                 | 1,800   | 11.1                  | 11.1 | 21,000              | 20,000    |
| Douglas                   | 20,500                | 20,400  | 11.7                  | 11.5 | 240,000             | 235,000   |
| Grant                     | 3,300                 | 3,400   | 11.5                  | 11.8 | 38,000              | 40,000    |
| Lac Qui Parle             | 3,700                 | 4,100   | 10.0                  | 11.0 | 37,000              | 45,000    |
| Utter Tail                | 48,000                | 49,300  | 12.1                  | 11.9 | 580,000             | 589,000   |
| Pope                      | 14,600                | 14,600  | 12.0                  | 11.8 | 175,000             | 173,000   |
| Stevens                   | 1,700                 | 1,700   | 11.2                  | 11.2 | 19,000              | 19,000    |
| Swift                     | 4,100                 | 4,300   | 11.2                  | 11.6 | 46,000              | 50,000    |
| Traverse                  | 900                   | 1,200   | 10.0                  | 10.0 | 9,000               | 12,000    |
| Wilkin                    | 1,300                 | 1,400   | 11.5                  | 11.4 | 15,000              | 16,000    |
| Yellow Medicine           | 3,300                 | 3,500   | 11.2                  | 11.7 | 37,000              | 41,000    |
| <u>West Central</u>       | 105,700               | 108,300 | 11.8                  | 11.7 | 1,242,000           | 1,267,000 |
| Benton                    | 17,500                | 18,300  | 11.6                  | 11.9 | 203,000             | 217,000   |
| Carver                    | 21,500                | 21,300  | 11.5                  | 12.2 | 248,000             | 260,000   |
| Kandiyohi                 | 12,400                | 12,900  | 12.0                  | 12.3 | 149,000             | 159,000   |
| McLeod                    | 20,100                | 20,800  | 11.5                  | 12.4 | 231,000             | 258,000   |
| Meeker                    | 16,500                | 15,000  | 11.6                  | 12.3 | 191,000             | 184,000   |
| Morrison                  | 37,200                | 37,800  | 11.2                  | 12.2 | 416,000             | 463,000   |
| Renville                  | 5,600                 | 5,800   | 11.8                  | 12.1 | 66,000              | 70,000    |
| Scott                     | 11,300                | 12,400  | 11.9                  | 12.2 | 135,000             | 151,000   |
| Sherburne                 | 4,300                 | 4,500   | 11.9                  | 11.8 | 51,000              | 53,000    |
| Sibley                    | 15,800                | 16,600  | 11.4                  | 12.1 | 180,000             | 201,000   |
| Stearns                   | 78,700                | 83,300  | 12.3                  | 12.1 | 967,000             | 1,011,000 |
| Todd                      | 37,600                | 38,100  | 11.6                  | 11.7 | 436,000             | 444,000   |
| Wadena                    | 11,700                | 12,500  | 11.0                  | 11.8 | 129,000             | 148,000   |
| Wright                    | 26,900                | 27,700  | 11.9                  | 12.4 | 320,000             | 344,000   |
| <u>Central</u>            | 317,100               | 327,000 | 11.7                  | 12.1 | 3,722,000           | 3,963,000 |

# MINNESOTA MILK COWS AND PRODUCTION, BY DISTRICTS AND COUNTIES (CONT'D)

| District<br>and<br>County | Milk Cows<br>on Farms |         | Production<br>per Cow |      | Total<br>Production |            |
|---------------------------|-----------------------|---------|-----------------------|------|---------------------|------------|
|                           | 1984                  | 1985    | 1984                  | 1985 | 1984                | 1985       |
|                           | Number                |         | Thousand lbs.         |      | Thousand lbs.       |            |
| Aitkin                    | 4,400                 | 4,200   | 10.7                  | 11.7 | 47,000              | 49,000     |
| Anoka                     | 1,200                 | 1,500   | 11.7                  | 12.7 | 14,000              | 19,000     |
| Carlton                   | 5,800                 | 6,200   | 10.9                  | 11.3 | 63,000              | 70,000     |
| Chisago                   | 8,000                 | 8,200   | 11.4                  | 11.1 | 91,000              | 91,000     |
| Crow Wing                 | 4,200                 | 4,500   | 11.0                  | 11.6 | 46,000              | 52,000     |
| Hennepin                  | 7,900                 | 8,200   | 11.8                  | 12.3 | 93,000              | 101,000    |
| Isanti                    | 5,800                 | 6,200   | 11.9                  | 11.3 | 69,000              | 70,000     |
| Kanabec                   | 10,300                | 10,400  | 11.0                  | 11.2 | 113,000             | 116,000    |
| Mille Lacs                | 14,900                | 15,100  | 11.3                  | 11.9 | 169,000             | 180,000    |
| Pine                      | 14,000                | 14,800  | 11.7                  | 12.2 | 164,000             | 181,000    |
| Ramsey                    | --                    | --      | --                    | --   | --                  | --         |
| Washington                | 3,000                 | 3,300   | 11.7                  | 11.8 | 35,000              | 39,000     |
| <u>East Central</u>       | 79,500                | 82,600  | 11.4                  | 11.7 | 904,000             | 968,000    |
| Cottonwood                | 3,500                 | 3,700   | 10.6                  | 10.3 | 37,000              | 38,000     |
| Jackson                   | 2,600                 | 2,400   | 11.9                  | 10.0 | 31,000              | 24,000     |
| Lincoln                   | 5,900                 | 5,800   | 9.8                   | 11.7 | 58,000              | 68,000     |
| Lyon                      | 4,600                 | 4,700   | 11.1                  | 11.1 | 51,000              | 52,000     |
| Murray                    | 7,700                 | 7,700   | 10.4                  | 10.1 | 80,000              | 78,000     |
| Nobles                    | 6,700                 | 6,400   | 10.9                  | 10.6 | 73,000              | 68,000     |
| Pipestone                 | 8,800                 | 9,300   | 11.1                  | 11.3 | 98,000              | 105,000    |
| Redwood                   | 4,900                 | 4,800   | 11.2                  | 10.8 | 55,000              | 52,000     |
| Rock                      | 5,800                 | 5,600   | 10.2                  | 9.3  | 59,000              | 52,000     |
| <u>Southwest</u>          | 50,500                | 50,400  | 10.7                  | 10.7 | 542,000             | 537,000    |
| Blue Earth                | 2,500                 | 2,700   | 12.0                  | 12.2 | 30,000              | 33,000     |
| Brown                     | 10,900                | 11,600  | 11.7                  | 12.5 | 127,000             | 145,000    |
| Faribault                 | 3,400                 | 3,600   | 12.4                  | 12.5 | 42,000              | 45,000     |
| Freeborn                  | 7,000                 | 7,200   | 11.4                  | 10.8 | 80,000              | 78,000     |
| LeSueur                   | 9,100                 | 9,600   | 11.4                  | 12.5 | 104,000             | 120,000    |
| Martin                    | 3,200                 | 3,500   | 10.3                  | 9.7  | 33,000              | 34,000     |
| Nicollet                  | 9,000                 | 9,600   | 11.9                  | 12.3 | 107,000             | 118,000    |
| Rice                      | 18,800                | 19,900  | 11.5                  | 11.9 | 216,000             | 236,000    |
| Steele                    | 10,800                | 11,400  | 11.1                  | 11.3 | 120,000             | 129,000    |
| Waseca                    | 6,500                 | 7,200   | 12.3                  | 11.5 | 80,000              | 83,000     |
| Watsonwan                 | 2,300                 | 2,400   | 12.2                  | 10.8 | 28,000              | 26,000     |
| <u>South Cent.</u>        | 83,500                | 88,700  | 11.6                  | 11.8 | 967,000             | 1,047,000  |
| Dakota                    | 8,600                 | 8,200   | 12.2                  | 12.2 | 105,000             | 100,000    |
| Dodge                     | 12,300                | 12,900  | 11.9                  | 11.6 | 146,000             | 149,000    |
| Fillmore                  | 26,100                | 26,200  | 11.6                  | 11.8 | 303,000             | 308,000    |
| Goodhue                   | 33,400                | 35,000  | 12.3                  | 12.3 | 410,000             | 432,000    |
| Houston                   | 19,000                | 19,700  | 11.5                  | 11.8 | 218,000             | 233,000    |
| Mower                     | 8,400                 | 8,800   | 12.1                  | 12.7 | 102,000             | 112,000    |
| Olmsted                   | 19,900                | 21,100  | 11.7                  | 11.9 | 233,000             | 252,000    |
| Wabasha                   | 23,300                | 25,000  | 12.2                  | 12.6 | 284,000             | 316,000    |
| Winona                    | 33,300                | 33,300  | 12.2                  | 11.3 | 405,000             | 377,000    |
| <u>Southeast</u>          | 184,300               | 190,200 | 12.0                  | 12.0 | 2,206,000           | 2,279,000  |
| Minnesota                 | 887,000               | 915,000 | 11.6                  | 11.8 | 10,331,000          | 10,840,000 |

See note page 53.

OFFICIAL  
STATE  
DRINK  
**MILK**



## POULTRY

Even though growers increased their production 7% over 1984, to a record 30.4 million turkeys, Minnesota still remained second in the nation in turkey production for 1985. North Carolina continued first in numbers raised with 31.9 million. Value of production from turkeys raised in Minnesota in 1985 was \$250.8 million, up 9% from 1984. The average price received for turkeys in 1985 was 48.0 cents per pound liveweight, up 2 cents from the previous year.

During 1985, hatcheries in the West North Central Region (includes the states of Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota and Minnesota) placed 64.8 million turkey poults, up 7%.

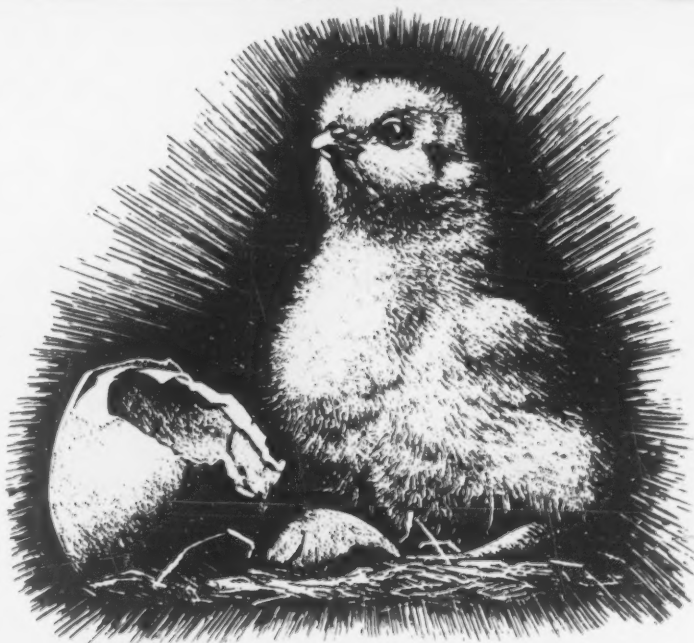
The state's egg production in 1985 was 2.3 billion eggs, a decrease of 7% from 1984. The average number of layers on farms decreased 8% to 9.3 million. The value of production from eggs decreased 33% in 1985 to \$83.1 million as the all egg price dropped 28% to 44.0 cents per dozen.

The total chicken inventory (excluding broilers) on December 1, 1985, decreased 8% to 12.7 million. Value of sales from all chickens (excluding broilers) were \$3.1 million as price per pound decreased 12% to 11.0 cents.

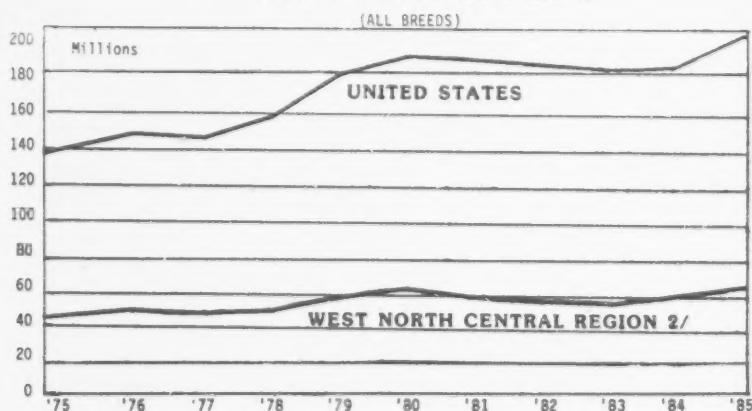
In 1985, the number of broilers raised increased 5% to 26.9 million, a record production. A 2% decrease in value of production was the result of a decrease in the price per pound.

Hatchery production of egg type chicks decreased 17% to 13.9 million in 1985.

These poultry estimates are based on survey data obtained from producers, hatcheries, and processing plants.



**TURKEY POULTS HATCHED 1/**



1/ Starting in 1983, the number represents total placements not total hatch. Placed number should not be used to measure change from previous years.

2/ Includes the states of Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota, and Minnesota.

# MINNESOTA CHICKEN AND EGG INVENTORY, PRODUCTION AND VALUE

| Year | Chickens On Farms Dec. 1 |                              | Chickens 1/ |                | Eggs 1/         |                     | Egg Type Chicks Hatched |
|------|--------------------------|------------------------------|-------------|----------------|-----------------|---------------------|-------------------------|
|      | All                      | Hens & Pullets of Laying Age | Number Sold | Value of Sales | Number Produced | Value of Production |                         |
|      | Thousands                |                              | Thousands   | 1,000 Dollars  | Millions        | 1,000 Dollars       | Thousands               |
| 1981 | 13,600                   | 10,600                       | 6,400       | 1,792          | 2,355           | 102,050             | 14,773                  |
| 1982 | 13,300                   | 10,500                       | 8,900       | 2,670          | 2,432           | 100,320             | 17,116                  |
| 1983 | 13,900                   | 10,600                       | 7,900       | 2,844          | 2,508           | 102,410             | 13,843                  |
| 1984 | 13,800                   | 10,050                       | 8,575       | 4,288          | 2,443           | 124,186             | 16,827                  |
| 1985 | 12,700                   | 9,670                        | 7,500       | 3,053          | 2,267           | 83,123              | 13,949                  |

1/ December previous year to November current year.

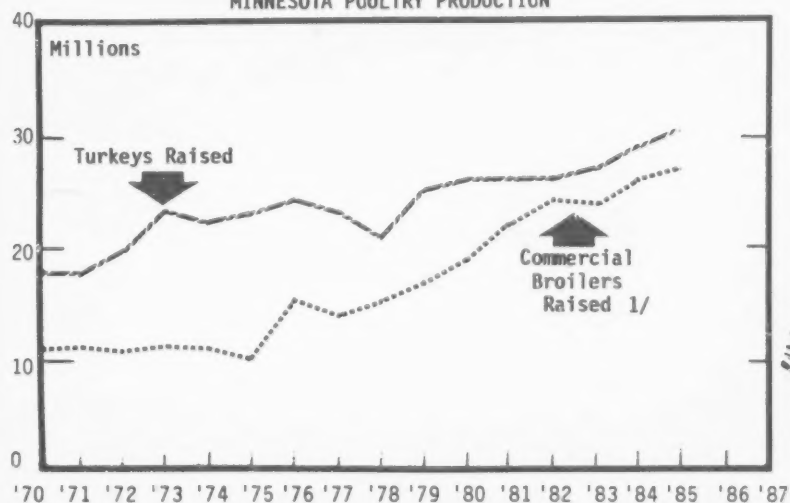
## BROILERS AND TURKEYS PRODUCTION AND VALUE

| Year | Commercial Broilers 1/ |                     | Turkeys                |               |                     |
|------|------------------------|---------------------|------------------------|---------------|---------------------|
|      | Number Raised          | Value of Production | Breeder Hens Dec. 1 2/ | Number Raised | Value of Production |
|      | Thousands              | 1,000 Dollars       | Thousands              |               | 1,000 Dollars       |
| 1981 | 21,500                 | 30,476              | 567                    | 25,700        | 152,658             |
| 1982 | 23,700                 | 26,663              | 523                    | 26,000        | 172,887             |
| 1983 | 24,400                 | 30,866              | 443                    | 27,000        | 158,263             |
| 1984 | 25,600                 | 39,104              | 447                    | 28,500        | 229,818             |
| 1985 | 26,900                 | 38,333              | --                     | 30,400        | 250,772             |

1/ December previous year to November current year.

2/ Breeder Hen inventories reflect the number producing eggs during the following season. Estimates were discontinued in 1985.

## MINNESOTA POULTRY PRODUCTION



1/ December previous year to November current year.



# MINNESOTA MONTHLY POULTRY PRODUCTION

## CHICKENS: LAYERS ON FARMS (Millions)

| Year    | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual 1/ |
|---------|------|------|------|------|------|------|------|------|-------|------|------|------|-----------|
| 1981    | 9.6  | 9.6  | 9.6  | 9.7  | 9.7  | 9.7  | 9.8  | 9.9  | 10.1  | 10.3 | 10.5 | 10.6 | 9.9       |
| 1982 2/ | --   | 10.5 | --   | --   | 9.9  | --   | --   | 9.9  | --    | --   | 10.3 | --   | 10.1      |
| 1983    | 10.4 | 10.4 | 10.5 | 10.4 | 10.3 | 10.4 | 10.2 | 9.9  | 9.8   | 9.8  | 10.2 | 10.6 | 10.2      |
| 1984    | 10.4 | 10.3 | 10.3 | 10.0 | 9.9  | 9.9  | 9.8  | 9.8  | 9.8   | 9.9  | 10.0 | 10.1 | 10.1      |
| 1985    | 9.8  | 9.6  | 9.6  | 9.3  | 9.0  | 8.8  | 8.9  | 8.9  | 8.9   | 8.9  | 9.3  | 9.7  | 9.3       |

## EGGS: AVERAGE NUMBER LAID PER LAYER PER MONTH

| Year    | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| 1981    | 20.7 | 18.2 | 20.6 | 19.8 | 20.4 | 19.9 | 20.6 | 20.7 | 18.0  | 18.7 | 20.2 | 20.7 | 239    |
| 1982 3/ | --   | 59.1 | --   | --   | 59.8 | --   | --   | 60.3 | --    | --   | 61.0 | --   | 240    |
| 1983    | 21.1 | 19.1 | 21.0 | 20.0 | 20.0 | 19.8 | 21.2 | 21.2 | 20.2  | 20.5 | 20.1 | 21.1 | 245    |
| 1984    | 20.9 | 19.1 | 20.7 | 20.0 | 20.1 | 19.4 | 20.2 | 20.4 | 20.0  | 20.6 | 20.2 | 21.2 | 243    |
| 1985    | 21.1 | 18.9 | 21.4 | 20.7 | 20.9 | 20.1 | 20.5 | 20.4 | 19.7  | 20.2 | 19.7 | 20.8 | 245    |

## EGGS: PRODUCTION ON FARMS 4/ (Million Eggs)

| Year    | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------|------|------|------|-----|------|------|------|-------|------|------|------|--------|
| 1981    | 199  | 174  | 198  | 191  | 198 | 193  | 202  | 205  | 182   | 193  | 212  | 219  | 2,355  |
| 1982 5/ | --   | 618  | --   | --   | 592 | --   | --   | 597  | --    | --   | 625  | --   | 2,432  |
| 1983    | 218  | 198  | 220  | 208  | 207 | 206  | 217  | 210  | 198   | 201  | 206  | 223  | 2,508  |
| 1984    | 217  | 197  | 213  | 201  | 200 | 192  | 198  | 200  | 196   | 204  | 202  | 213  | 2,443  |
| 1985    | 207  | 182  | 205  | 193  | 187 | 177  | 182  | 182  | 175   | 180  | 184  | 202  | 2,267  |

## CHICKENS: EGG-TYPE HATCHERY PRODUCTION (Thousands)

| Year | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1981 | 1,156 | 1,100 | 1,145 | 1,769 | 1,766 | 1,910 | 974   | 916   | 759   | 919   | 1,017 | 1,342 | 14,773 |
| 1982 | 1,060 | 1,316 | 1,301 | 1,812 | 1,705 | 1,545 | 1,729 | 1,264 | 1,159 | 1,302 | 1,565 | 1,358 | 17,116 |
| 1983 | 880   | 996   | 1,054 | 1,335 | 1,498 | 1,409 | 1,026 | 1,366 | 1,165 | 907   | 1,007 | 1,200 | 13,843 |
| 1984 | 1,459 | 1,447 | 1,446 | 1,848 | 1,859 | 1,645 | 1,613 | 1,454 | 1,298 | 648   | 1,117 | 993   | 16,827 |
| 1985 | 914   | 754   | 1,070 | 1,487 | 1,697 | 1,154 | 1,074 | 902   | 1,475 | 1,253 | 1,087 | 1,082 | 13,949 |

## TURKEYS: HATCHERY PLACEMENTS 6/ (Thousands)

| Year | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1981 | 4,927 | 5,702 | 6,565 | 7,352 | 8,279 | 7,751 | 6,019 | 3,389 | 1,807 | 2,459 | 2,740 | 3,330 | 60,320 |
| 1982 | 3,525 | 4,749 | 6,144 | 7,713 | 7,197 | 7,487 | 7,208 | 4,289 | 1,839 | 2,499 | 2,879 | 3,276 | 58,805 |
| 1983 | 3,653 | 4,658 | 6,818 | 7,216 | 7,487 | 7,630 | 6,455 | 3,524 | 1,814 | 2,755 | 2,748 | 2,977 | 57,735 |
| 1984 | 3,937 | 4,867 | 6,615 | 6,977 | 7,892 | 7,490 | 7,004 | 4,086 | 2,176 | 2,708 | 3,360 | 3,305 | 60,417 |
| 1985 | 4,575 | 5,787 | 6,564 | 7,508 | 7,861 | 7,201 | 6,487 | 4,925 | 3,015 | 3,331 | 3,573 | 3,952 | 64,779 |

1/ Annual data represents December previous year to November current year.

2/ Average number of layers during the quarters: Dec. 1982-Feb. 1983; March-May 1983; June-Aug. 1983; and Sept.-Nov. 1983.

3/ Average number laid per layer per quarter.

4/ Based on unrounded number of layers and eggs per layer.

5/ Egg production for the quarter.

6/ Totals are placements from West North Central Region hatcheries which include Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. Prior to 1983, data represents total hatch. Starting in 1983, data represents total placements excluding exported poults.

# MINNESOTA CHICKENS AND EGGS, BY DISTRICTS AND COUNTIES

| District<br>and<br>County | Hens and Pullets<br>of Laying Age |           | Rate<br>of Lay |        | Egg<br>Production |           |
|---------------------------|-----------------------------------|-----------|----------------|--------|-------------------|-----------|
|                           | 1984                              | 1985      | 1984           | 1985   | 1984              | 1985      |
|                           | Number                            | Number    | Number         | Number | Thousands         | Thousands |
| Becker                    | 46,000                            | 31,000    | ---            | ---    | 11,200            | 7,600     |
| Clay                      | 612,000                           | 685,000   | ---            | ---    | 149,300           | 167,800   |
| Clearwater                | 521,000                           | 479,000   | ---            | ---    | 127,100           | 117,400   |
| Kittson                   | 3,000                             | 2,000     | ---            | ---    | 700               | 500       |
| Mahnomen                  | 21,000                            | 11,000    | ---            | ---    | 5,100             | 2,700     |
| Marshall                  | 6,000                             | 5,000     | ---            | ---    | 1,500             | 1,200     |
| Norman                    | 29,000                            | 15,000    | ---            | ---    | 7,100             | 3,700     |
| Pennington                | 13,000                            | 7,000     | ---            | ---    | 3,200             | 1,700     |
| Polk                      | 289,000                           | 215,000   | ---            | ---    | 70,500            | 52,700    |
| Red Lake                  | 100,000                           | 84,000    | ---            | ---    | 24,400            | 20,600    |
| Roseau                    | 8,000                             | 5,000     | ---            | ---    | 2,000             | 1,200     |
| Northwest                 | 1,648,000                         | 1,539,000 | 244            | 245    | 402,100           | 377,100   |
| Beltrami                  | 8,000                             | 9,000     | ---            | ---    | 1,700             | 2,000     |
| Cass                      | 6,000                             | 6,000     | ---            | ---    | 1,300             | 1,300     |
| Hubbard                   | 10,000                            | 12,000    | ---            | ---    | 2,100             | 2,600     |
| Itasca                    | 8,000                             | 5,000     | ---            | ---    | 1,700             | 1,100     |
| Koochiching               | 10,000                            | 13,000    | ---            | ---    | 2,200             | 2,900     |
| Lake of the Woods         | 1,000                             | 2,000     | ---            | ---    | 200               | 400       |
| North Central             | 43,000                            | 47,000    | 214            | 219    | 9,200             | 10,300    |
| Cook                      | ---                               | ---       | ---            | ---    | ---               | ---       |
| Lake                      | 2,000                             | 1,000     | ---            | ---    | 500               | 200       |
| St. Louis                 | 182,000                           | 173,000   | ---            | ---    | 39,100            | 37,600    |
| Northeast                 | 184,000                           | 174,000   | 215            | 217    | 39,600            | 37,800    |
| Big Stone                 | 34,000                            | 31,000    | ---            | ---    | 8,200             | 7,600     |
| Chippewa                  | 70,000                            | 105,000   | ---            | ---    | 17,000            | 25,700    |
| Douglas                   | 20,000                            | 19,000    | ---            | ---    | 4,900             | 4,700     |
| Grant                     | 11,000                            | 6,000     | ---            | ---    | 2,700             | 1,500     |
| Lac Qui Parle             | 74,000                            | 69,000    | ---            | ---    | 18,000            | 16,900    |
| Otter Tail                | 100,000                           | 73,000    | ---            | ---    | 24,300            | 17,900    |
| Pope                      | 65,000                            | 51,000    | ---            | ---    | 15,800            | 12,500    |
| Stevens                   | 118,000                           | 105,000   | ---            | ---    | 28,700            | 25,700    |
| Swift                     | 24,000                            | 12,000    | ---            | ---    | 5,800             | 2,900     |
| Traverse                  | 19,000                            | 15,000    | ---            | ---    | 4,600             | 3,700     |
| Wilkin                    | 25,000                            | 20,000    | ---            | ---    | 6,100             | 4,900     |
| Yellow Medicine           | 30,000                            | 42,000    | ---            | ---    | 7,300             | 10,300    |
| West Central              | 590,000                           | 548,000   | 243            | 245    | 143,400           | 134,300   |
| Benton                    | 354,000                           | 363,000   | ---            | ---    | 86,000            | 89,300    |
| Carver                    | 69,000                            | 60,000    | ---            | ---    | 16,800            | 14,800    |
| Kandiyohi                 | 100,000                           | 32,000    | ---            | ---    | 24,300            | 20,200    |
| McLeod                    | 95,000                            | 55,000    | ---            | ---    | 23,100            | 13,500    |
| Meeker                    | 519,000                           | 492,000   | ---            | ---    | 126,100           | 121,000   |
| Morrison                  | 730,000                           | 606,000   | ---            | ---    | 177,400           | 149,100   |
| Renville                  | 154,000                           | 152,000   | ---            | ---    | 37,400            | 37,400    |
| Scott                     | 20,000                            | 16,000    | ---            | ---    | 4,900             | 3,900     |
| Sherburne                 | 148,000                           | 96,000    | ---            | ---    | 36,000            | 23,600    |
| Sibley                    | 681,000                           | 687,000   | ---            | ---    | 165,500           | 169,000   |
| Stearns                   | 722,000                           | 686,000   | ---            | ---    | 175,400           | 168,700   |
| Todd                      | 71,000                            | 62,000    | ---            | ---    | 17,200            | 15,300    |
| Wadena                    | 21,000                            | 15,000    | ---            | ---    | 5,100             | 3,700     |
| Wright                    | 182,000                           | 242,000   | ---            | ---    | 44,200            | 59,500    |
| Central                   | 3,866,000                         | 3,614,000 | 243            | 246    | 939,400           | 889,000   |

# MINNESOTA CHICKENS AND EGGS, BY DISTRICTS AND COUNTIES (CONT'D)

| District<br>and<br>County | Hens and Pullets<br>of Laying Age |           | Rate<br>of Lay |      | Egg<br>Production |           |
|---------------------------|-----------------------------------|-----------|----------------|------|-------------------|-----------|
|                           | 1984                              | 1985      | 1984           | 1985 | 1984              | 1985      |
|                           | Number                            |           | Number         |      | Thousands         |           |
| Aitkin                    | 14,000                            | 16,000    | ---            | ---  | 3,300             | 3,800     |
| Anoka                     | 9,000                             | 7,000     | ---            | ---  | 2,100             | 1,700     |
| Carlton                   | 3,000                             | 3,000     | ---            | ---  | 700               | 700       |
| Chisago                   | 30,000                            | 40,000    | ---            | ---  | 7,000             | 9,400     |
| Crow Wing                 | 13,000                            | 14,000    | ---            | ---  | 3,000             | 3,300     |
| Hennepin                  | 23,000                            | 23,000    | ---            | ---  | 5,400             | 5,400     |
| Isanti                    | 32,000                            | 27,000    | ---            | ---  | 7,500             | 6,400     |
| Kanabec                   | 3,000                             | 2,000     | ---            | ---  | 700               | 500       |
| Mille Lacs                | 34,000                            | 32,000    | ---            | ---  | 8,000             | 7,600     |
| Pine                      | 398,000                           | 369,000   | ---            | ---  | 93,100            | 87,100    |
| Ramsey                    | 1,000                             | 1,000     | ---            | ---  | 200               | 200       |
| Washington                | 53,000                            | 40,000    | ---            | ---  | 12,400            | 9,400     |
| <u>East Central</u>       | 613,000                           | 574,000   | 234            | 236  | 143,400           | 135,500   |
| Cottonwood                | 193,000                           | 185,000   | ---            | ---  | 46,900            | 45,300    |
| Jackson                   | 113,000                           | 122,000   | ---            | ---  | 27,500            | 29,900    |
| Lincoln                   | 15,000                            | 12,000    | ---            | ---  | 3,600             | 3,000     |
| Lyon                      | 86,000                            | 101,000   | ---            | ---  | 20,900            | 24,700    |
| Murray                    | 66,000                            | 80,000    | ---            | ---  | 16,000            | 19,600    |
| Nobles                    | 195,000                           | 165,000   | ---            | ---  | 47,400            | 40,400    |
| Pipestone                 | 30,000                            | 15,000    | ---            | ---  | 7,300             | 3,700     |
| Redwood                   | 188,000                           | 160,000   | ---            | ---  | 45,700            | 39,200    |
| Rock                      | 49,000                            | 53,000    | ---            | ---  | 11,900            | 13,000    |
| <u>Southwest</u>          | 935,000                           | 893,000   | 243            | 245  | 227,200           | 218,800   |
| Blue Earth                | 30,000                            | 20,000    | ---            | ---  | 7,400             | 4,900     |
| Brown                     | 109,000                           | 102,000   | ---            | ---  | 26,700            | 25,200    |
| Faribault                 | 70,000                            | 65,000    | ---            | ---  | 17,200            | 16,000    |
| Freeborn                  | 319,000                           | 296,000   | ---            | ---  | 78,200            | 73,100    |
| LeSueur                   | 90,000                            | 80,000    | ---            | ---  | 22,100            | 19,800    |
| Martin                    | 60,000                            | 59,000    | ---            | ---  | 14,700            | 14,600    |
| Nicollet                  | 199,000                           | 146,000   | ---            | ---  | 48,700            | 36,100    |
| Rice                      | 181,000                           | 180,000   | ---            | ---  | 44,300            | 44,500    |
| Steele                    | 153,000                           | 127,000   | ---            | ---  | 37,500            | 31,400    |
| Waseca                    | 30,000                            | 15,000    | ---            | ---  | 7,300             | 3,700     |
| Watonwan                  | 110,000                           | 73,000    | ---            | ---  | 26,900            | 18,000    |
| <u>South Central</u>      | 1,351,000                         | 1,163,000 | 245            | 247  | 331,000           | 287,300   |
| Dakota                    | 57,000                            | 57,000    | ---            | ---  | 14,200            | 14,400    |
| Dodge                     | 132,000                           | 116,000   | ---            | ---  | 33,000            | 29,200    |
| Fillmore                  | 138,000                           | 111,000   | ---            | ---  | 34,500            | 28,000    |
| Goodhue                   | 102,000                           | 86,000    | ---            | ---  | 25,500            | 21,700    |
| Houston                   | 36,000                            | 30,000    | ---            | ---  | 9,000             | 7,600     |
| Mower                     | 154,000                           | 123,000   | ---            | ---  | 38,500            | 31,000    |
| Olmsted                   | 32,000                            | 24,000    | ---            | ---  | 8,000             | 6,000     |
| Wabasha                   | 155,000                           | 133,000   | ---            | ---  | 38,700            | 33,500    |
| Winona                    | 25,000                            | 22,000    | ---            | ---  | 6,300             | 5,500     |
| <u>Southeast</u>          | 831,000                           | 702,000   | 250            | 252  | 207,700           | 176,900   |
| Minnesota                 | 10,061,000                        | 9,254,000 | 243            | 245  | 2,443,000         | 2,267,000 |

See note page 53.

## SECTION IV:

# PRICES



The primary sources of the crop prices listed in the following tables are elevators and dealers which buy directly from farmers. The marketing year for different crops can be found in the footnotes following the tables. Monthly prices in the spring of 1985 showed almost no recovery from the lows of the preceding fall and winter. Then prices of most commodities fell sharply in late summer. The crop price index declined as far as 102 in October and November, the lowest level since the fall of 1978. Preliminary season average prices for major cash crops produced in 1985 were the lowest in many years: prices received for corn and potatoes were the lowest since the 1979 crop was marketed; for wheat and oats, the lowest since 1978; for barley and flax, the lowest since 1977; for soybeans, since 1975; for sunflowers, since 1973. In contrast, the preliminary season average price for all hay was the highest since 1982.

### MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR CROPS

CORN 1/  
(Dollars per Bushel)

| Year | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Season<br>Average<br>Price 2/ |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------------------------------|
| 1981 | 3.04 | 2.96 | 3.04 | 3.09 | 3.08 | 3.03 | 2.98 | 2.68 | 2.41  | 2.24 | 2.19 | 2.15 | 2.33                          |
| 1982 | 2.24 | 2.22 | 2.26 | 2.38 | 2.38 | 2.42 | 2.33 | 2.09 | 2.00  | 1.87 | 1.99 | 2.07 | 2.63                          |
| 1983 | 2.12 | 2.34 | 2.54 | 2.73 | 2.84 | 2.85 | 2.93 | 3.14 | 3.19  | 2.99 | 2.99 | 2.97 | 3.05                          |
| 1984 | 2.97 | 2.92 | 3.06 | 3.15 | 3.18 | 3.23 | 3.18 | 3.03 | 2.90  | 2.54 | 2.42 | 2.39 | 2.45                          |
| 1985 | 2.45 | 2.45 | 2.53 | 2.59 | 2.57 | 2.54 | 2.51 | 2.38 | 2.24  | 2.10 | 2.11 | 2.15 | 2.30                          |

SOYBEANS 3/  
(Dollars per Bushel)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 7.56 | 6.94 | 7.31 | 7.70 | 7.38 | 7.00 | 7.04 | 6.59 | 6.10 | 5.86 | 5.91 | 5.76 | 5.77 |
| 1982 | 5.79 | 5.67 | 5.73 | 5.99 | 6.12 | 5.98 | 5.80 | 5.45 | 5.13 | 5.13 | 5.12 | 5.18 | 5.81 |
| 1983 | 5.28 | 5.45 | 5.65 | 5.89 | 5.94 | 5.79 | 6.18 | 7.42 | 8.05 | 7.85 | 7.75 | 7.52 | 7.64 |
| 1984 | 7.80 | 7.04 | 7.24 | 7.74 | 7.94 | 7.95 | 6.98 | 6.40 | 5.92 | 5.90 | 5.89 | 5.63 | 5.43 |
| 1985 | 5.53 | 5.52 | 5.60 | 5.69 | 5.54 | 5.50 | 5.30 | 4.99 | 4.92 | 4.72 | 4.82 | 4.94 | 5.05 |

SUNFLOWERS 3/  
(Dollars per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 11.00 | 10.80 | 10.70 | 11.20 | 12.10 | 12.00 | 11.20 | 11.80 | 10.70 | 10.60 | 10.70 | 11.40 | 11.00 |
| 1982 | 10.90 | 11.50 | 11.20 | 11.90 | 11.90 | 11.70 | 9.50  | 9.90  | 10.20 | 8.60  | 8.70  | 8.30  | 9.38  |
| 1983 | 8.10  | 8.30  | 8.50  | 9.40  | 9.10  | 9.50  | 9.50  | 13.10 | 14.10 | 13.50 | 14.20 | 13.80 | 14.00 |
| 1984 | 13.60 | 12.90 | 14.50 | 15.60 | 17.10 | 17.90 | 18.00 | 5/    | 12.80 | 11.50 | 11.20 | 10.70 | 11.40 |
| 1985 | 12.20 | 11.60 | 11.90 | 12.10 | 12.30 | 11.20 | 11.20 | 9.80  | 5/    | 11.90 | 9.90  | 9.40  | 8.89  |

ALL WHEAT 4/  
(Dollars per Bushel)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 4.28 | 4.38 | 4.25 | 4.25 | 4.20 | 4.07 | 3.97 | 3.76 | 3.79 | 3.84 | 3.80 | 3.76 | 3.72 |
| 1982 | 3.75 | 3.72 | 3.70 | 3.76 | 3.75 | 3.67 | 3.65 | 3.49 | 3.46 | 3.47 | 3.55 | 3.42 | 3.75 |
| 1983 | 3.41 | 3.41 | 3.63 | 3.81 | 3.91 | 3.91 | 3.94 | 3.83 | 3.79 | 3.82 | 3.83 | 3.80 | 3.82 |
| 1984 | 3.76 | 3.72 | 3.78 | 3.86 | 3.92 | 3.96 | 3.54 | 3.58 | 3.38 | 3.32 | 3.43 | 3.29 | 3.41 |
| 1985 | 3.19 | 3.30 | 3.37 | 3.49 | 3.45 | 3.36 | 3.11 | 2.76 | 2.77 | 2.92 | 3.01 | 3.24 | 3.27 |

OATS 4/  
(Dollars per Bushel)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 1.92 | 2.00 | 2.04 | 2.01 | 1.94 | 1.92 | 1.78 | 1.65 | 1.71 | 1.80 | 1.92 | 1.90 | 1.82 |
| 1982 | 1.97 | 1.97 | 1.94 | 1.98 | 1.89 | 1.86 | 1.61 | 1.25 | 1.23 | 1.20 | 1.30 | 1.41 | 1.36 |
| 1983 | 1.42 | 1.40 | 1.41 | 1.45 | 1.46 | 1.41 | 1.38 | 1.39 | 1.50 | 1.69 | 1.63 | 1.66 | 1.57 |
| 1984 | 1.72 | 1.68 | 1.69 | 1.70 | 1.74 | 1.71 | 1.59 | 1.55 | 1.54 | 1.55 | 1.68 | 1.74 | 1.60 |
| 1985 | 1.69 | 1.71 | 1.70 | 1.63 | 1.52 | 1.46 | 1.28 | 1.14 | 1.06 | 1.06 | 1.09 | 1.19 | 1.20 |

1/ Marketing year, October through September. 2/ 1985 is preliminary. 3/ Marketing year, September through August. 4/ Marketing year, July through June.

NOTE: Season average price includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate. Monthly prices do not include this allowance.

# MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR CROPS (CONT'D)

## BARLEY 1/ (Dollars Per Bushel)

| Year | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Season<br>Average<br>Price 2/ |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------------------------------|
| 1981 | 2.88 | 3.09 | 3.01 | 3.11 | 2.94 | 2.60 | 2.27 | 2.15 | 2.39  | 2.19 | 2.23 | 2.20 | 2.21                          |
| 1982 | 2.30 | 2.34 | 2.40 | 2.34 | 2.30 | 2.26 | 2.13 | 1.86 | 1.63  | 1.74 | 1.73 | 1.71 | 2.04                          |
| 1983 | 1.74 | 1.78 | 1.86 | 2.04 | 2.13 | 2.07 | 2.01 | 2.22 | 2.38  | 2.46 | 2.41 | 2.43 | 2.34                          |
| 1984 | 2.39 | 2.37 | 2.39 | 2.45 | 2.48 | 2.53 | 2.29 | 2.11 | 1.92  | 2.00 | 1.96 | 1.86 | 2.06                          |
| 1985 | 2.07 | 2.06 | 2.08 | 2.13 | 2.07 | 2.09 | 1.95 | 1.56 | 1.59  | 1.64 | 1.66 | 1.79 | 1.85                          |

## ALL HAY, BALED 3/ (Dollars Per Ton)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 61.00 | 58.00 | 53.00 | 57.00 | 57.00 | 63.00 | 59.00 | 62.00 | 64.00 | 66.00 | 69.00 | 66.00 | 68.00 |
| 1982 | 72.00 | 82.00 | 75.00 | 72.00 | 75.00 | 65.00 | 56.00 | 61.00 | 57.00 | 62.00 | 70.00 | 74.00 | 67.50 |
| 1983 | 74.00 | 71.00 | 70.00 | 74.00 | 77.00 | 63.00 | 60.00 | 65.00 | 66.00 | 66.00 | 75.00 | 56.00 | 61.00 |
| 1984 | 55.00 | 61.00 | 50.00 | 66.00 | 60.00 | 51.00 | 41.00 | 48.00 | 45.00 | 55.00 | 48.00 | 64.00 | 53.00 |
| 1985 | 64.00 | 64.00 | 60.00 | 59.00 | 58.00 | 59.00 | 56.00 | 62.00 | 69.00 | 69.00 | 60.00 | 76.00 | 67.50 |

## ALFALFA HAY, BALED 3/ (Dollars Per Ton)

|      |       |       |       |       |       |       |       |       |       |       |       |       |    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 1981 | 64.00 | 60.00 | 54.00 | 60.00 | 58.00 | 65.00 | 63.00 | 66.00 | 71.00 | 70.00 | 74.00 | 74.00 | 4/ |
| 1982 | 76.00 | 85.00 | 80.00 | 74.00 | 80.00 | 70.00 | 58.00 | 64.00 | 60.00 | 66.00 | 77.00 | 80.00 | 4/ |
| 1983 | 80.00 | 76.00 | 75.00 | 80.00 | 81.00 | 68.00 | 63.00 | 69.00 | 70.00 | 70.00 | 80.00 | 62.00 | 4/ |
| 1984 | 59.00 | 68.00 | 54.00 | 71.00 | 64.00 | 53.00 | 45.00 | 51.00 | 48.00 | 59.00 | 50.00 | 70.00 | 4/ |
| 1985 | 68.00 | 68.00 | 64.00 | 62.00 | 63.00 | 63.00 | 60.00 | 70.00 | 74.00 | 75.00 | 62.00 | 80.00 | 4/ |

## ALL OTHER HAY, BALED 3/ (Dollars Per Ton)

|      |       |       |       |       |       |       |       |       |       |       |       |       |    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 1981 | 53.00 | 51.00 | 48.00 | 48.00 | 52.00 | 54.00 | 44.00 | 45.00 | 45.00 | 56.00 | 53.00 | 52.00 | 4/ |
| 1982 | 57.00 | 70.00 | 58.00 | 62.00 | 51.00 | 45.00 | 48.00 | 47.00 | 44.00 | 45.00 | 53.00 | 55.00 | 4/ |
| 1983 | 48.00 | 49.00 | 53.00 | 55.00 | 57.00 | 45.00 | 49.00 | 44.00 | 49.00 | 52.00 | 59.00 | 48.00 | 4/ |
| 1984 | 41.00 | 42.00 | 43.00 | 46.00 | 44.00 | 43.00 | 28.00 | 23.00 | 33.00 | 46.00 | 34.00 | 45.00 | 4/ |
| 1985 | 47.00 | 47.00 | 47.00 | 48.00 | 42.00 | 41.00 | 39.00 | 44.00 | 48.00 | 51.00 | 52.00 | 61.00 | 4/ |

## FLAXSEED 1/ (Dollars Per Bushel)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 7.40 | 7.39 | 7.33 | 7.56 | 7.68 | 7.74 | 5/   | 7.18 | 6.40 | 6.33 | 6.61 | 7.18 | 6.88 |
| 1982 | 6.85 | 7.06 | 6.89 | 6.81 | 6.74 | 6.88 | 6.46 | 5.30 | 5.14 | 5.26 | 4.92 | 4.76 | 5.20 |
| 1983 | 4.77 | 4.55 | 4.70 | 4.70 | 4.38 | 5.10 | 5.03 | 6.40 | 6.94 | 7.37 | 6.58 | 6.47 | 6.68 |
| 1984 | 6.84 | 6.84 | 7.24 | 6.90 | 5/   | 7.06 | 5/   | 6.15 | 5.69 | 5.70 | 6.24 | 6.00 | 5.95 |
| 1985 | 5/   | 6.43 | 6.41 | 6.85 | 7.13 | 6.50 | 5.99 | 6.19 | 5.15 | 5.16 | 4.72 | 4.62 | 5.00 |

## POTATOES (Dollars Per Cwt.)

|      |      |      |      |       |       |      |       |       |      |      |      |      |      |
|------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|------|
| 1981 | 7.80 | 8.10 | 9.50 | 10.70 | 10.70 | 5/   | 9.20  | 7.15  | 6.20 | 4.90 | 4.60 | 4.80 | 4.90 |
| 1982 | 4.50 | 4.10 | 4.50 | 4.40  | 3.70  | 3.50 | 4.75  | 5.20  | 3.60 | 3.45 | 3.60 | 4.00 | 3.95 |
| 1983 | 3.80 | 3.90 | 3.80 | 4.60  | 4.50  | 3.80 | 4.60  | 8.30  | 5.10 | 3.65 | 5.80 | 4.30 | 5.55 |
| 1984 | 4.80 | 5.70 | 5.50 | 5.80  | 6.10  | 6.50 | 10.00 | 10.00 | 4.15 | 3.90 | 4.50 | 4.40 | 5.10 |
| 1985 | 4.90 | 5.00 | 5.55 | 5.10  | 5.20  | 5/   | 5/    | 3.00  | 2.85 | 3.40 | 3.05 | 3.45 | 3.25 |

1/ Marketing year, July through June. 2/ 1985 is preliminary. 3/ Marketing year, June through May.  
 4/ Not available. 5/ Volume of sales too small to make a price estimate.  
 NOTE: Season average price includes allowance for loans outstanding and purchases by the government  
 valued at the average loan and purchase rate. Monthly prices do not include this allowance.

## LIVESTOCK PRICES

The livestock and dairy price statistics included in these tables are based on reports from farmers, auction markets, livestock buyers, meat and poultry processing plants, the South St. Paul market, produce houses, egg handlers and dealers, marketing cooperatives, dairy plants, and other firms doing business with farmers.

The marketing year for livestock, dairy, and poultry items is a calendar year, except for hogs, chickens, and eggs, which are on a December-November basis.

The 1985 annual average price for hogs decreased 7% from 1984. Prices for sheep were 48% higher, beef cattle increased 2%, but calves were fractionally lower. Wool prices were down 19%. The 1985 annual average price for lambs increased 11% from 1984. Table market eggs were 31% lower.

The 1985 annual average price for all milk was 77 cents lower than a year earlier. Manufacturing grade milk was down 72 cents and grade A milk was down 84 cents.

### MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR LIVESTOCK

#### BEEF CATTLE 1/ (Dollars Per Cwt.)

| Year | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual Average Price |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|
| 1981 | 51.40 | 52.20 | 51.80 | 51.80 | 53.00 | 54.50 | 52.30 | 51.80 | 53.80 | 47.80 | 47.10 | 43.50 | 50.80                |
| 1982 | 43.60 | 47.40 | 49.10 | 52.40 | 54.80 | 54.40 | 50.50 | 50.70 | 48.10 | 46.80 | 43.10 | 43.20 | 48.60                |
| 1983 | 46.20 | 48.40 | 50.70 | 51.40 | 53.40 | 51.70 | 48.40 | 47.10 | 45.60 | 42.90 | 43.50 | 42.60 | 47.60                |
| 1984 | 43.80 | 49.20 | 51.20 | 51.70 | 50.90 | 49.80 | 48.70 | 48.80 | 48.00 | 43.50 | 46.50 | 50.50 | 48.60                |
| 1985 | 52.80 | 54.10 | 52.90 | 51.80 | 52.00 | 50.70 | 45.90 | 45.70 | 44.80 | 47.20 | 50.70 | 48.10 | 49.60                |

#### STEERS AND HEIFERS (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 57.40 | 58.10 | 56.90 | 57.00 | 58.30 | 59.70 | 58.10 | 57.10 | 59.20 | 54.50 | 54.10 | 52.00 | 57.00 |
| 1982 | 51.80 | 55.10 | 57.10 | 59.10 | 61.20 | 60.50 | 57.30 | 57.80 | 54.60 | 53.30 | 50.20 | 50.40 | 55.90 |
| 1983 | 52.20 | 54.90 | 57.50 | 58.50 | 58.30 | 56.60 | 54.00 | 52.50 | 51.40 | 49.80 | 50.50 | 52.50 | 54.10 |
| 1984 | 55.30 | 58.50 | 57.80 | 57.00 | 55.30 | 53.50 | 55.00 | 55.30 | 53.60 | 49.60 | 54.10 | 57.00 | 55.10 |
| 1985 | 58.60 | 59.40 | 57.10 | 55.60 | 54.60 | 53.60 | 48.60 | 48.30 | 48.30 | 52.30 | 57.10 | 56.30 | 53.90 |

#### COWS 2/ (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 42.90 | 44.10 | 43.60 | 44.30 | 43.30 | 43.20 | 43.00 | 43.80 | 41.90 | 38.50 | 36.60 | 34.90 | 41.40 |
| 1982 | 35.80 | 37.70 | 39.80 | 40.90 | 42.70 | 42.60 | 41.00 | 40.10 | 39.60 | 38.30 | 35.00 | 34.50 | 38.70 |
| 1983 | 36.20 | 39.90 | 41.60 | 41.80 | 43.10 | 41.90 | 40.50 | 38.10 | 36.80 | 35.40 | 32.80 | 32.40 | 37.90 |
| 1984 | 34.30 | 39.40 | 42.20 | 41.70 | 41.50 | 41.00 | 38.80 | 38.10 | 35.50 | 36.00 | 34.00 | 34.00 | 37.90 |
| 1985 | 37.30 | 39.90 | 39.90 | 39.10 | 39.00 | 37.70 | 35.40 | 35.40 | 34.30 | 33.30 | 32.10 | 31.50 | 35.80 |

#### CALVES (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 72.00 | 70.60 | 70.30 | 75.00 | 71.70 | 74.60 | 70.40 | 71.20 | 68.90 | 61.00 | 58.70 | 57.80 | 67.40 |
| 1982 | 54.60 | 54.40 | 61.00 | 61.90 | 64.60 | 71.60 | 66.90 | 67.00 | 64.40 | 58.60 | 53.60 | 52.90 | 60.30 |
| 1983 | 59.00 | 63.50 | 66.90 | 64.10 | 64.00 | 68.50 | 63.10 | 58.30 | 55.70 | 52.20 | 53.90 | 53.50 | 59.70 |
| 1984 | 56.30 | 57.20 | 57.10 | 57.90 | 56.00 | 61.80 | 58.20 | 53.00 | 54.80 | 53.70 | 50.20 | 55.30 | 55.60 |
| 1985 | 56.70 | 59.70 | 57.10 | 57.80 | 58.60 | 60.50 | 52.50 | 52.30 | 54.60 | 53.20 | 53.30 | 51.20 | 55.40 |

1/ "Cows" and "Steers and Heifers" combined.

2/ Beef cows sold for slaughter and herd replacement, and cull dairy cows sold for slaughter.

# MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR LIVESTOCK (CONT'D)

HOGS 1/  
(Dollars Per Cwt.)

| Year | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual Average Price |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|
| 1981 | 40.70 | 41.40 | 38.90 | 39.00 | 40.10 | 47.50 | 49.50 | 49.30 | 48.90 | 45.00 | 40.30 | 38.40 | 43.60                |
| 1982 | 43.10 | 48.20 | 49.10 | 51.60 | 57.40 | 57.90 | 58.80 | 62.00 | 61.80 | 56.00 | 52.60 | 53.40 | 52.60                |
| 1983 | 55.60 | 56.30 | 50.30 | 47.50 | 46.30 | 44.00 | 43.60 | 47.50 | 44.60 | 42.00 | 37.60 | 45.00 | 46.90                |
| 1984 | 48.20 | 45.80 | 46.60 | 48.00 | 47.60 | 49.90 | 52.80 | 50.60 | 46.30 | 43.60 | 46.70 | 49.00 | 47.50                |
| 1985 | 48.20 | 48.40 | 43.70 | 41.20 | 41.50 | 44.90 | 46.20 | 42.30 | 39.90 | 43.50 | 43.70 | 45.50 | 44.40                |

SHEEP  
(Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 19.30 | 20.40 | 21.20 | 19.10 | 14.70 | 14.50 | 18.60 | 18.00 | 15.30 | 13.40 | 13.90 | 15.20 | 16.40 |
| 1982 | 17.50 | 16.90 | 17.10 | 16.60 | 14.20 | 15.10 | 17.10 | 16.40 | 13.40 | 12.90 | 12.60 | 13.80 | 15.10 |
| 1983 | 18.40 | 19.50 | 18.00 | 14.10 | 12.70 | 11.20 | 15.10 | 14.00 | 11.40 | 11.40 | 12.10 | 14.10 | 14.10 |
| 1984 | 16.20 | 15.90 | 18.10 | 14.60 | 13.00 | 12.70 | 14.80 | 14.60 | 14.50 | 13.20 | 14.50 | 17.50 | 14.70 |
| 1985 | 22.30 | 24.80 | 20.70 | 19.40 | 19.70 | 19.30 | 22.20 | 21.40 | 23.60 | 22.80 | 24.30 | 25.30 | 21.70 |

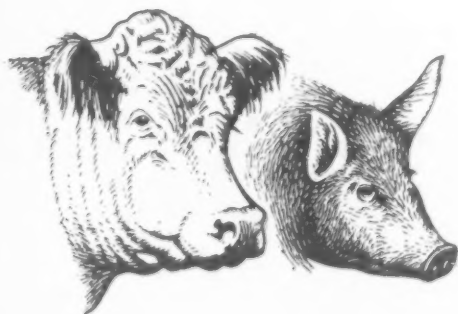
LAMBS  
(Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 51.30 | 53.10 | 55.30 | 58.80 | 63.80 | 66.40 | 60.00 | 55.60 | 52.40 | 52.30 | 48.90 | 45.10 | 52.90 |
| 1982 | 51.00 | 54.70 | 60.50 | 63.10 | 66.60 | 59.00 | 57.50 | 53.50 | 52.40 | 49.50 | 48.30 | 50.00 | 54.70 |
| 1983 | 55.60 | 59.80 | 62.80 | 60.60 | 62.40 | 53.40 | 51.60 | 49.20 | 49.80 | 53.20 | 55.70 | 59.20 | 56.00 |
| 1984 | 60.80 | 61.00 | 58.30 | 62.10 | 63.20 | 59.40 | 60.00 | 61.80 | 63.80 | 63.80 | 65.80 | 63.40 | 62.10 |
| 1985 | 64.00 | 68.70 | 70.30 | 68.90 | 70.90 | 71.70 | 72.80 | 70.90 | 69.70 | 66.90 | 66.80 | 63.60 | 68.80 |

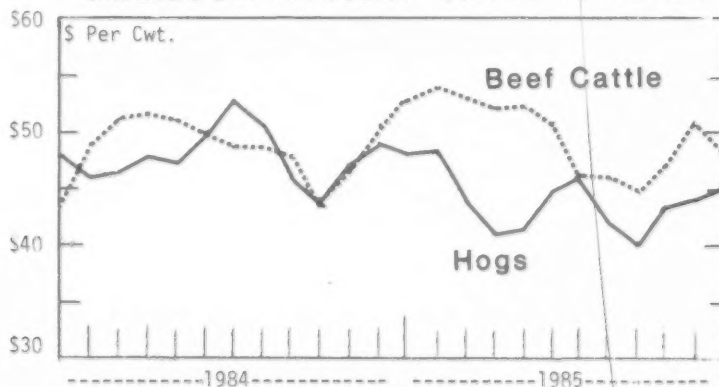
WOOL  
(Cents Per Pound)

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1981 | 72 | 73 | 71 | 67 | 63 | 71 | 67 | 68 | 69 | 70 | 64 | 64 | 70 |
| 1982 | 56 | 55 | 53 | 50 | 43 | 41 | 41 | 42 | 39 | 50 | 38 | 41 | 48 |
| 1983 | 39 | 44 | 37 | 35 | 35 | 37 | 37 | 37 | 39 | 39 | 43 | 46 | 39 |
| 1984 | 45 | 47 | 50 | 56 | 61 | 57 | 59 | 57 | 54 | 52 | 52 | 55 | 54 |
| 1985 | 50 | 50 | 46 | 42 | 46 | 39 | 39 | 40 | 42 | 45 | 38 | 46 | 44 |

1/ Annual average price is the marketing year average--December previous year through November current year.



## MINNESOTA PRICES: CATTLE & HOGS



# MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR MILK COWS & DAIRY PRODUCTS

## MILK COWS 1/ (Dollars Per Head)

| Year    | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Annual<br>Average<br>Price |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| 1981    | 1,200 | 1,190 | 1,190 | 1,190 | 1,180 | 1,180 | 1,180 | 1,190 | 1,180 | 1,170 | 1,160 | 1,130 | 1,180                      |
| 1982 2/ | 1,120 | --    | --    | 1,090 | --    | --    | 1,090 | --    | --    | 1,050 | --    | --    | 1,090                      |
| 1983    | 1,000 | --    | --    | 1,020 | --    | --    | 1,040 | --    | --    | 930   | --    | --    | 1,000                      |
| 1984    | 850   | --    | --    | 910   | --    | --    | 890   | --    | --    | 830   | --    | --    | 870                        |
| 1985    | 790   | --    | --    | 820   | --    | --    | 785   | --    | --    | 730   | --    | --    | 780                        |

## ALL MILK (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 13.33 | 13.25 | 13.12 | 13.08 | 12.97 | 12.85 | 12.80 | 12.82 | 13.00 | 13.27 | 13.28 | 13.23 | 13.08 |
| 1982 | 13.20 | 13.07 | 12.99 | 12.96 | 12.83 | 12.75 | 12.70 | 12.70 | 12.98 | 13.22 | 13.26 | 13.23 | 12.98 |
| 1983 | 13.17 | 13.08 | 13.00 | 12.97 | 12.87 | 12.73 | 12.64 | 12.60 | 12.89 | 13.19 | 13.29 | 12.91 | 12.94 |
| 1984 | 12.76 | 12.64 | 12.62 | 12.57 | 12.52 | 12.40 | 12.47 | 12.62 | 13.19 | 13.50 | 13.62 | 13.32 | 12.82 |
| 1985 | 13.11 | 12.89 | 12.58 | 12.08 | 11.83 | 11.56 | 11.33 | 11.46 | 11.73 | 12.04 | 12.06 | 12.00 | 12.05 |

## FLUID MARKET MILK (Dollars Per Cwt.)

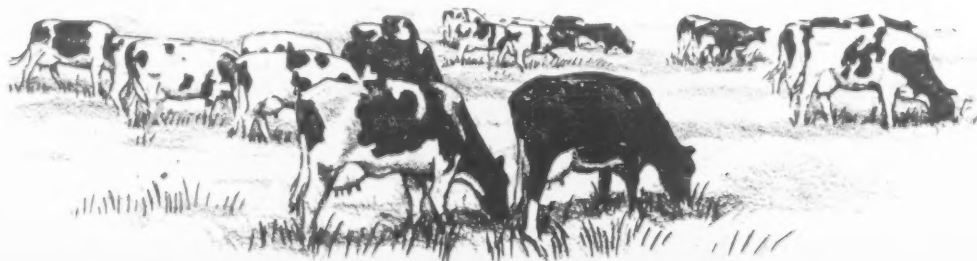
|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 13.63 | 13.57 | 13.39 | 13.37 | 13.25 | 13.11 | 13.06 | 13.06 | 13.22 | 13.49 | 13.50 | 13.47 | 13.34 |
| 1982 | 13.44 | 13.30 | 13.21 | 13.18 | 13.04 | 12.96 | 12.89 | 12.90 | 13.16 | 13.40 | 13.45 | 13.44 | 13.20 |
| 1983 | 13.39 | 13.29 | 13.22 | 13.17 | 13.06 | 12.93 | 12.84 | 12.80 | 13.10 | 13.42 | 13.48 | 13.17 | 13.15 |
| 1984 | 13.02 | 12.88 | 12.87 | 12.83 | 12.78 | 12.67 | 12.73 | 12.86 | 13.40 | 13.74 | 13.86 | 13.56 | 13.08 |
| 1985 | 13.36 | 13.13 | 12.77 | 12.30 | 12.02 | 11.70 | 11.51 | 11.65 | 11.92 | 12.22 | 12.24 | 12.21 | 12.24 |

## MANUFACTURING GRADE MILK (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 12.88 | 12.80 | 12.74 | 12.67 | 12.59 | 12.48 | 12.43 | 12.45 | 12.65 | 12.91 | 12.91 | 12.85 | 12.69 |
| 1982 | 12.79 | 12.69 | 12.62 | 12.60 | 12.51 | 12.42 | 12.39 | 12.37 | 12.66 | 12.91 | 12.92 | 12.87 | 12.63 |
| 1983 | 12.79 | 12.72 | 12.64 | 12.64 | 12.58 | 12.42 | 12.32 | 12.27 | 12.54 | 12.79 | 12.94 | 12.46 | 12.59 |
| 1984 | 12.31 | 12.21 | 12.20 | 12.15 | 12.07 | 12.00 | 12.02 | 12.18 | 12.80 | 13.04 | 13.13 | 12.83 | 12.37 |
| 1985 | 12.63 | 12.41 | 12.20 | 11.66 | 11.47 | 11.28 | 10.96 | 11.07 | 11.34 | 11.63 | 11.65 | 11.52 | 11.65 |

1/ Milk cows sold for dairy herd replacement only.

2/ Quarterly effective January 1982.



# MINNESOTA MONTHLY PRICES RECEIVED BY FARMERS FOR POULTRY

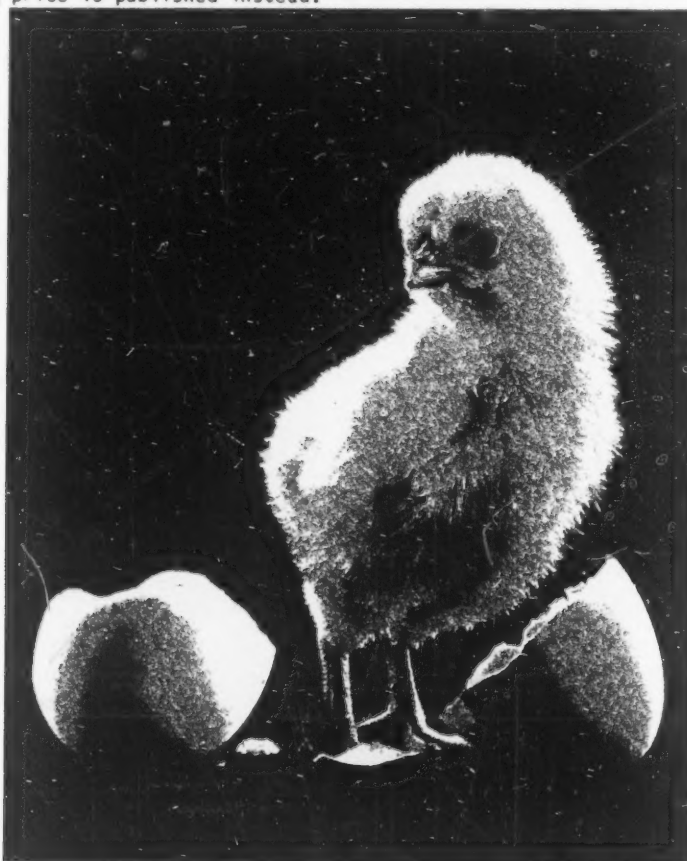
TURKEYS  
(Cents Per Pound - Liveweight)

| Year | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual Average Price |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|----------------------|
| 1981 | 36.0 | 35.0 | 38.0 | 36.0 | 39.0 | 39.0 | 40.0 | 38.0 | 36.0  | 31.0 | 34.0 | 31.0 | 36.0                 |
| 1982 | 33.0 | 34.0 | 34.0 | 35.0 | 36.0 | 38.0 | 40.0 | 40.0 | 41.0  | 42.0 | 42.0 | 30.0 | 39.0                 |
| 1983 | 31.0 | 31.0 | 32.0 | 31.0 | 32.0 | 35.0 | 32.0 | 31.0 | 35.0  | 35.0 | 35.0 | 43.0 | 34.0                 |
| 1984 | 45.0 | 40.0 | 40.0 | 44.0 | 41.0 | 41.0 | 42.0 | 44.0 | 44.0  | 49.0 | 54.0 | 57.0 | 46.0                 |
| 1985 | 54.0 | 41.0 | 39.0 | 38.0 | 38.0 | 40.0 | 42.0 | 46.0 | 50.0  | 55.0 | 56.0 | 56.0 | 48.0                 |

TABLE MARKET EGGS 1/  
(Cents Per Dozen)

|         |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981    | 53.9 | 49.8 | 49.1 | 52.0 | 42.5 | 46.0 | 47.0 | 48.3 | 53.5 | 54.9 | 59.7 | 49.6 | 52.0 |
| 1982 2/ | 50.5 | 53.5 | 54.7 | 51.4 | 43.3 | 42.3 | 43.6 | 38.9 | 44.7 | 46.3 | 48.7 | 40.6 | 47.5 |
| 1983    | 40.0 | 41.0 | 44.0 | 43.0 | 48.0 | 46.0 | 42.0 | 49.0 | 52.0 | 58.0 | 63.0 | 72.0 | 47.0 |
| 1984    | 85.0 | 80.0 | 65.0 | 79.0 | 57.0 | 46.0 | 45.0 | 44.0 | 44.0 | 44.0 | 46.0 | 46.0 | 59.0 |
| 1985    | 35.0 | 34.0 | 42.0 | 40.0 | 35.0 | 37.0 | 37.0 | 42.0 | 48.0 | 49.0 | 51.0 | 50.0 | 41.0 |

- 1/ Table market eggs include eggs sold retail by the producer but exclude hatching eggs. The annual average price is the marketing year average - December previous year through November current year.  
 2/ Prior to December 1981, the price represents an "all eggs" price. Effective December 1981, the table market egg price is published instead.



# MINNESOTA MONTHLY PRICES PAID BY FARMERS FOR SELECTED COMMODITIES

## BRAN (Dollars Per Cwt.)

| Year | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual<br>Average<br>Price 1/ |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------------------------------|
| 1981 | 9.10 | 9.20 | 9.30 | 9.10 | 9.20 | 9.20 | 9.00 | 8.90 | 8.70  | 8.70 | 8.80 | 8.60 | 8.98                          |
| 1982 | 8.90 | 8.80 | 8.50 | 8.60 | 8.70 | 8.70 | 8.70 | 8.70 | 8.70  | 8.50 | 8.40 | 8.40 | 8.63                          |
| 1983 | 8.60 | 8.60 | 8.60 | 8.60 | 8.70 | 8.70 | 8.70 | 8.80 | 8.90  | 8.60 | 8.90 | 9.30 | 8.75                          |
| 1984 | 9.20 | 9.60 | 9.40 | 9.20 | 9.20 | 9.40 | 8.90 | 9.00 | 8.90  | 8.80 | 8.50 | 8.60 | 9.06                          |
| 1985 | 8.40 | 8.40 | 8.30 | 8.20 | 8.00 | 8.30 | 8.30 | 7.90 | 8.00  | 7.80 | 8.00 | 8.00 | 8.13                          |

## MIDDLINGS (Dollars Per Cwt.)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 8.80 | 8.80 | 8.70 | 8.80 | 8.90 | 9.10 | 8.90 | 8.60 | 8.40 | 8.60 | 8.50 | 8.40 | 8.71 |
| 1982 | 8.70 | 8.40 | 8.50 | 8.90 | 9.10 | 8.80 | 8.80 | 8.80 | 8.50 | 8.40 | 8.10 | 8.40 | 8.62 |
| 1983 | 8.40 | 8.40 | 8.20 | 8.60 | 8.50 | 8.90 | 8.70 | 8.50 | 8.80 | 8.60 | 8.90 | 8.90 | 8.62 |
| 1984 | 9.10 | 9.20 | 9.00 | 8.90 | 8.60 | 9.00 | 8.20 | 8.70 | 8.30 | 8.40 | 8.20 | 8.00 | 8.63 |
| 1985 | 8.00 | 7.60 | 7.70 | 7.70 | 7.50 | 7.40 | 7.90 | 7.90 | 8.10 | 7.50 | 6.50 | 7.20 | 7.58 |

## SOYBEAN MEAL, 44% (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 14.50 | 13.70 | 13.00 | 13.50 | 13.50 | 13.50 | 13.00 | 13.00 | 12.50 | 12.00 | 11.50 | 12.00 | 12.98 |
| 1982 | 12.50 | 12.10 | 11.80 | 11.90 | 12.00 | 12.10 | 12.00 | 11.50 | 11.00 | 11.00 | 11.00 | 11.50 | 11.70 |
| 1983 | 11.50 | 11.30 | 11.50 | 12.00 | 12.50 | 12.00 | 12.00 | 14.00 | 15.00 | 14.00 | 14.50 | 14.00 | 12.86 |
| 1984 | 13.50 | 12.50 | 12.50 | 12.50 | 13.00 | 12.00 | 11.50 | 11.20 | 10.80 | 10.30 | 10.50 | 10.00 | 11.69 |
| 1985 | 9.80  | 9.70  | 9.30  | 9.40  | 8.60  | 8.50  | 8.90  | 9.00  | 9.40  | 9.50  | 9.70  | 10.00 | 9.32  |

## BEEF CATTLE CONCENTRATE, 32%-36% (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 13.00 | 12.20 | 12.00 | 12.50 | 12.50 | 12.50 | 12.00 | 12.00 | 12.00 | 11.50 | 11.50 | 12.50 | 12.18 |
| 1982 | 12.00 | 12.00 | 11.50 | 12.00 | 12.00 | 12.50 | 12.00 | 12.00 | 11.50 | 12.00 | 11.50 | 11.50 | 11.88 |
| 1983 | 12.00 | 12.00 | 12.00 | 12.00 | 12.50 | 12.00 | 12.50 | 13.00 | 13.50 | 13.00 | 13.50 | 13.50 | 12.63 |
| 1984 | 13.50 | 13.00 | 13.00 | 12.50 | 13.00 | 13.00 | 11.50 | 12.00 | 12.00 | 11.00 | 11.50 | 11.00 | 12.25 |
| 1985 | 11.00 | 11.00 | 10.50 | 10.50 | 10.50 | 9.90  | 10.50 | 10.50 | 10.00 | 10.50 | 11.00 | 11.00 | 10.58 |

## PORK CONCENTRATE, 38%-42% (Dollars Per Cwt.)

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1981 | 17.00 | 15.90 | 15.50 | 16.00 | 16.50 | 16.00 | 16.10 | 16.10 | 15.40 | 15.30 | 14.90 | 15.20 | 15.83 |
| 1982 | 14.90 | 14.90 | 14.70 | 14.90 | 15.00 | 15.00 | 15.00 | 14.10 | 14.10 | 13.80 | 14.10 | 14.40 | 14.58 |
| 1983 | 14.60 | 14.80 | 14.70 | 15.30 | 15.30 | 14.90 | 14.70 | 16.50 | 17.10 | 16.30 | 17.00 | 16.60 | 15.65 |
| 1984 | 16.40 | 15.40 | 15.60 | 15.40 | 15.40 | 14.80 | 14.10 | 14.00 | 13.70 | 13.50 | 13.40 | 13.20 | 14.58 |
| 1985 | 13.10 | 12.90 | 12.40 | 12.20 | 12.20 | 11.10 | 11.80 | 11.50 | 12.50 | 13.00 | 13.10 | 13.20 | 12.42 |

1/ Annual average prices are straight rather than weighted averages.

# MINNESOTA MONTHLY PRICES PAID BY FARMERS FOR SELECTED COMMODITIES (CONT'D)

## DAIRY FEED, 16% (Dollars Per Ton)

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual<br>Average<br>Price 1/ |
|------|------|------|------|------|-----|------|------|------|-------|------|------|------|-------------------------------|
| 1981 | 198  | 180  | 173  | 178  | 185 | 182  | 177  | 174  | 168   | 167  | 162  | 166  | 176                           |
| 1982 | 163  | 161  | 164  | 168  | 170 | 165  | 164  | 163  | 155   | 153  | 158  | 160  | 162                           |
| 1983 | 157  | 161  | 161  | 169  | 171 | 175  | 168  | 181  | 182   | 186  | 193  | 188  | 174                           |
| 1984 | 192  | 192  | 183  | 205  | 185 | 182  | 177  | 175  | 171   | 165  | 165  | 164  | 180                           |
| 1985 | 165  | 154  | 151  | 154  | 155 | 153  | 159  | 146  | 144   | 150  | 146  | 146  | 152                           |

## DAIRY FEED, 32% (Dollars Per Ton)

|      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1981 | 300 | 275 | 280 | 280 | 290 | 280 | 270 | 275 | 270 | 265 | 265 | 255 | 275 |
| 1982 | 265 | 255 | 250 | 270 | 270 | 270 | 255 | 255 | 265 | 250 | 255 | 260 | 260 |
| 1983 | 260 | 255 | 255 | 265 | 270 | 270 | 270 | 285 | 305 | 300 | 310 | 295 | 278 |
| 1984 | 295 | 275 | 280 | 280 | 280 | 265 | 275 | 260 | 260 | 245 | 255 | 240 | 268 |
| 1985 | 240 | 245 | 230 | 235 | 220 | 220 | 220 | 215 | 225 | 240 | 235 | 245 | 233 |

## LAYING FEED (Dollars Per Ton)

|      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1981 | 215 | 205 | 220 | 215 | 220 | 220 | 205 | 198 | 210 | 200 | 196 | 210 | 210 |
| 1982 | 194 | 194 | 200 | 200 | 205 | 205 | 200 | 200 | 188 | 185 | 190 | 200 | 197 |
| 1983 | 200 | 200 | 196 | 210 | 210 | 215 | 205 | 210 | 220 | 220 | 225 | 220 | 211 |
| 1984 | 220 | 220 | 225 | 215 | 225 | 220 | 210 | 205 | 205 | 189 | 191 | 185 | 209 |
| 1985 | 187 | 186 | 185 | 184 | 181 | 171 | 176 | 174 | 174 | 175 | 182 | 181 | 180 |

## CHICK STARTER (Dollars Per Ton)

|      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1981 | 260 | 245 | 240 | 245 | 255 | 245 | 245 | 240 | 235 | 230 | 225 | 230 | 241 |
| 1982 | 225 | 225 | 220 | 225 | 230 | 230 | 225 | 220 | 215 | 210 | 210 | 230 | 222 |
| 1983 | 220 | 225 | 225 | 240 | 245 | 245 | 240 | 255 | 265 | 255 | 255 | 255 | 244 |
| 1984 | 250 | 245 | 250 | 255 | 260 | 255 | 235 | 245 | 235 | 225 | 225 | 220 | 242 |
| 1985 | 225 | 220 | 215 | 220 | 220 | 225 | 225 | 220 | 220 | 220 | 225 | 220 | 222 |

## BROILER GROWER (Dollars Per Ton)

|      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1981 | 235 | 230 | 220 | 230 | 235 | 235 | 245 | 225 | 235 | 220 | 210 | 220 | 228 |
| 1982 | 205 | 205 | 205 | 205 | 215 | 205 | 210 | 197 | 182 | 191 | 195 | 205 | 202 |
| 1983 | 189 | 198 | 210 | 230 | 215 | 220 | 215 | 235 | 240 | 245 | 250 | 240 | 224 |
| 1984 | 225 | 225 | 250 | 235 | 235 | 210 | 220 | 215 | 205 | 196 | 195 | 186 | 216 |
| 1985 | 195 | 191 | 187 | 191 | 189 | 195 | 199 | 197 | 200 | 205 | 220 | 215 | 199 |

1/ Annual average prices are straight rather than weighted averages.

# MINNESOTA MONTHLY PRICES PAID BY FARMERS FOR SELECTED COMMODITIES (CONT'D)

## CORN MEAL (Dollars Per Cwt.)

| Year | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual<br>Average<br>Price 1/ |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------------------------------|
| 1981 | 6.30 | 6.20 | 6.10 | 6.30 | 6.50 | 6.50 | 6.60 | 6.20 | 6.10  | 5.80 | 5.80 | 5.00 | 6.12                          |
| 1982 | 5.30 | 4.80 | 5.00 | 5.30 | 5.30 | 5.60 | 5.70 | 5.10 | 5.10  | 4.85 | 4.90 | 4.90 | 5.15                          |
| 1983 | 5.10 | 5.30 | 5.40 | 6.30 | 6.20 | 6.20 | 6.30 | 6.90 | 6.80  | 6.90 | 6.60 | 6.50 | 6.21                          |
| 1984 | 6.50 | 6.50 | 6.70 | 6.60 | 7.30 | 7.00 | 6.90 | 6.90 | 6.60  | 6.60 | 6.30 | 6.00 | 6.66                          |
| 1985 | 5.70 | 5.80 | 5.90 | 6.30 | 5.90 | 5.90 | 6.30 | 6.00 | 6.00  | 5.70 | 6.10 | 6.00 | 5.97                          |

## GASOLINE (SERVICE STATION), UNLEADED REGULAR (Dollars Per Gallon)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 1.29 | 1.38 | 1.42 | 1.41 | 1.40 | 1.40 | 1.38 | 1.39 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |
| 1982 | 1.36 | 1.36 | 1.31 | 1.25 | 1.27 | 1.36 | 1.38 | 1.37 | 1.36 | 1.35 | 1.35 | 1.32 | 1.34 |
| 1983 | 1.27 | 1.21 | 1.18 | 1.25 | 1.32 | 1.33 | 1.33 | 1.34 | 1.33 | 1.31 | 1.31 | 1.29 | 1.29 |
| 1984 | 1.27 | 1.29 | 1.28 | 1.28 | 1.28 | 1.28 | 1.27 | 1.27 | 1.26 | 1.25 | 1.26 | 1.23 | 1.27 |
| 1985 | 1.19 | 1.17 | 1.19 | 1.25 | 1.27 | 1.31 | 1.32 | 1.33 | 1.32 | 1.28 | 1.29 | 1.29 | 1.27 |

## LEADED REGULAR GASOLINE, BULK DELIVERY (Dollars Per Gallon)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 1.24 | 1.31 | 1.35 | 1.34 | 1.32 | 1.33 | 1.32 | 1.33 | 1.31 | 1.31 | 1.32 | 1.32 | 1.32 |
| 1982 | 1.29 | 1.30 | 1.25 | 1.19 | 1.21 | 1.30 | 1.31 | 1.30 | 1.31 | 1.30 | 1.29 | 1.26 | 1.28 |
| 1983 | 1.21 | 1.16 | 1.12 | 1.20 | 1.26 | 1.29 | 1.25 | 1.27 | 1.25 | 1.26 | 1.22 | 1.22 | 1.23 |
| 1984 | 1.21 | 1.21 | 1.17 | 1.21 | 1.20 | 1.19 | 1.20 | 1.18 | 1.18 | 1.18 | 1.14 | 1.14 | 1.18 |
| 1985 | 1.14 | 1.11 | 1.11 | 1.20 | 1.19 | 1.23 | 1.24 | 1.24 | 1.23 | 1.18 | 1.22 | 1.23 | 1.19 |

## DIESEL FUEL (Dollars Per Gallon)

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 1.05 | 1.16 | 1.19 | 1.19 | 1.17 | 1.17 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| 1982 | 1.15 | 1.16 | 1.10 | 1.04 | 1.07 | 1.15 | 1.15 | 1.13 | 1.12 | 1.14 | 1.16 | 1.13 | 1.13 |
| 1983 | 1.08 | 1.01 | .95  | .94  | .97  | .98  | .98  | 1.00 | 1.02 | 1.01 | 1.02 | 1.01 | 1.00 |
| 1984 | 1.01 | 1.03 | 1.02 | 1.03 | 1.02 | 1.02 | 1.01 | 1.00 | .99  | .99  | 1.00 | 1.00 | 1.01 |
| 1985 | .97  | .94  | .93  | .96  | .97  | .99  | .95  | .93  | .94  | .98  | 1.03 | 1.05 | .97  |

## LP GAS (Dollars Per Gallon)

|      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1981 | .67 | .68 | .69 | .70 | .69 | .69 | .71 | .70 | .68 | .69 | .69 | .69 | .69 |
| 1982 | .72 | .71 | .68 | .67 | .66 | .67 | .67 | .67 | .74 | .76 | .81 | .80 | .71 |
| 1983 | .78 | .78 | .77 | .77 | .80 | .80 | .81 | .81 | .80 | .80 | .79 | .78 | .79 |
| 1984 | .79 | .80 | .79 | .80 | .76 | .76 | .74 | .72 | .73 | .76 | .74 | .74 | .76 |
| 1985 | .74 | .70 | .71 | .71 | .71 | .72 | .72 | .71 | .65 | .69 | .69 | .74 | .71 |

1/ Annual average prices are straight rather than weighted averages.

|                                               |                              |                                             |                   |                                     |                   |
|-----------------------------------------------|------------------------------|---------------------------------------------|-------------------|-------------------------------------|-------------------|
| <b>Apples</b>                                 | 8, 19                        | <b>Feed Prices Paid by Farmers</b>          | 80-82             | <b>Prices</b>                       | 18, 75            |
| <b>Assets, Farm</b>                           | 5                            | <b>Fertilizer Use</b>                       | 47                | <b>Rank of Important States</b>     | 1                 |
| <b>Barley:</b>                                |                              | <b>Financial Assets</b>                     | 5                 | <b>Value</b>                        | 18                |
| Acreage, Yield, Production                    | 13, 14, 15, 35               | <b>Flaxseed:</b>                            |                   | <b>Poultry (See Specific Kind)</b>  |                   |
| Cash Receipts                                 | 8                            | Acreage, Yield, Production                  | 13, 14, 16, 43    | <b>Precipitation</b>                | 11                |
| Marketings                                    | 20                           | Cash Receipts                               | 8                 | <b>Prices:</b>                      |                   |
| Planting & Harvesting                         | 46                           | Marketings                                  | 20                | Paid by Farmers                     | 80-82             |
| Prices                                        | 15, 75                       | Planting & Harvesting                       | 46                | Received by Farmers                 | 74-79             |
| Rank of Important States & Counties           | 1, 2                         | Prices                                      | 16, 75            | (See Also Specific Commodity)       |                   |
| Records Set                                   | 14                           | Rank of Important States                    | 1                 | <b>Production Expenses</b>          | 4, 5              |
| Stocks                                        | 14, 21                       | Records Set                                 | 14                | <b>Rank of Important Counties</b>   | 2                 |
| Value                                         | 14                           | Stocks                                      | 14, 21            | <b>Rank of Important States</b>     | 1                 |
| <b>Beans, Dry Edible:</b>                     |                              | Value                                       | 16                | <b>Real Estate Assets, Debt</b>     | 5                 |
| Acreage, Yield, Production                    | 13, 18, 42                   | <b>Food, Marketing &amp; Farmers' Share</b> | 9                 | <b>Red Meat Production</b>          | 1, 61, 62         |
| Cash Receipts                                 | 8                            | <b>Food Costs</b>                           | 9                 | <b>Retail Food Prices</b>           | 9                 |
| Prices                                        | 18                           | <b>Forestry Products</b>                    | 8                 | <b>Rice, Wild</b>                   | 47                |
| Rank of Important States                      | 1                            | <b>Frost Dates</b>                          | 12                | <b>Rye:</b>                         |                   |
| Value                                         | 18                           | <b>Fuel Prices Paid by Farmers</b>          | 82                | Acreage, Yield, Production          | 13, 14, 15, 44    |
| <b>Butter</b>                                 | 1, 63, 64, 65                | <b>Government Payments</b>                  | 4, 5, 6-7         | Cash Receipts                       | 8                 |
| <b>Carrots</b>                                | 19                           | <b>Grains:</b>                              |                   | Planting & Harvesting               | 46                |
| <b>Cash Receipts:</b>                         |                              | Marketed by Months                          | 20                | Prices                              | 15                |
| Chart Summary                                 | 5                            | Stocks                                      | 21                | Rank of Important States            | 1                 |
| County Totals                                 | 6-7                          | (See Also Specific Commodities)             |                   | Records Set                         | 14                |
| Individual Commodities                        | 8                            | <b>Greenhouse &amp; Nursery</b>             | 8                 | Stocks                              | 14, 21            |
| Rank of Important States & Counties           | 1, 2                         | <b>Harvesting Dates</b>                     | 46                | Value                               | 15                |
| Summary                                       | 4                            | <b>Hay:</b>                                 |                   | <b>Seeds, Field</b>                 | 5                 |
| <b>Cattle &amp; Calves:</b>                   |                              | Acreage, Yield, Production                  | 13, 14, 17, 38-41 | <b>Sheep &amp; Lambs:</b>           |                   |
| Calf Crop                                     | 49, 50                       | Cash Receipts                               | 8                 | Cash Receipts                       | 8, 60             |
| Cash Receipts                                 | 8, 50                        | Marketings                                  | 20                | Farms With Sheep                    | 3, 48             |
| Farms With Cattle & Calves                    | 3, 48                        | Harvest                                     | 46                | Lamb Crop                           | 49, 60            |
| Marketings                                    | 51, 61                       | Prices                                      | 17, 75            | Marketings                          | 60, 61            |
| Number-                                       |                              | Rank of Important States                    | 1                 | Number                              | 48, 49, 52-53, 60 |
| On Farms                                      | 48, 49, 51, 52-55            | Records Set                                 | 14                | Number Shorn for Wool               | 60                |
| On Feed                                       | 51, 52-53                    | Stocks                                      | 21                | Prices                              | 49, 60, 77        |
| Prices                                        | 49, 51, 76                   | Value                                       | 17                | Rank of Important States & Counties | 1, 2              |
| Rank of Important States & Counties           | 1, 2                         | <b>Hogs:</b>                                |                   | Slaughter                           | 60, 61            |
| Slaughter                                     | 51, 61, 62                   | Cash Receipts                               | 8, 57             | Value                               | 48, 49, 60        |
| Value                                         | 48, 49, 50                   | Farms With Hogs                             | 3, 48             | <b>Silage Corn</b>                  | 15, 24-25         |
| <b>Cheese</b>                                 | 1, 63, 64, 65                | Farrowings                                  | 56, 58-59         | <b>Soybeans:</b>                    |                   |
| <b>Chickens:</b>                              |                              | Marketings                                  | 56, 57, 61        | Acreage, Yield, Production          | 13, 14, 15, 26-27 |
| Broilers                                      | 8, 69, 70                    | Number                                      | 48, 49, 56, 58-59 | Cash Receipts                       | 8                 |
| Cash Receipts                                 | 8, 69, 70                    | Pig Crop                                    | 56, 57, 58-59     | Geographic Distribution             | 34                |
| Hatchery Production                           | 70, 71                       | Prices                                      | 49, 57, 77        | Marketings                          | 20                |
| Number                                        | 48, 49, 69, 70, 71, 72-73    | Rank of Important States & Counties         | 1, 2              | Planting & Harvesting               | 46                |
| Rank of Important States & Counties           | 1, 2                         | Slaughter                                   | 56, 57, 61, 62    | Prices                              | 15, 74            |
| Value                                         | 48, 49, 69, 70               | Value                                       | 48, 49, 57        | Rank of Important States & Counties | 1, 2              |
| <b>Climate Summary</b>                        | 11-12                        | <b>Ice Cream</b>                            | 1, 63             | Records Set                         | 14                |
| <b>Corn:</b>                                  |                              | <b>Income, Farm:</b>                        |                   | Stocks                              | 14, 21            |
| Acreage, Yield, Production                    | 13, 14, 15, 22-23            | Cash Receipts,                              | 4, 5, 6-7, 8      | Value                               | 15                |
| Cash Receipts                                 | 8                            | Income Per Farm                             | 4                 | <b>Sugarbeets:</b>                  |                   |
| Geographic Distribution                       | 34                           | Rank of Important States & Counties         | 1, 2              | Acreage, Yield, Production          | 13, 14, 16, 37    |
| Marketings                                    | 20                           | Summary                                     | 4-8               | Cash Receipts                       | 8                 |
| Planting & Harvesting                         | 46                           | (See Also Specific Commodity)               |                   | Planting & Harvesting               | 46                |
| Prices                                        | 15, 74                       | <b>Land, Farm Value</b>                     | 2                 | Prices                              | 16                |
| Rank of Important States & Counties           | 1, 2                         | <b>Land in Farms</b>                        | 3                 | Rank of Important States & Counties | 1, 2              |
| Records Set                                   | 14                           | <b>Livestock (See Specific Kinds)</b>       |                   | Records Set                         | 14                |
| Stocks                                        | 14, 21                       | <b>Livestock Assets</b>                     | 5                 | Value                               | 16                |
| Value                                         | 15                           | <b>Machinery Assets</b>                     | 5                 | <b>Sunflowers:</b>                  |                   |
| (See Also Sweet Corn for Proc. & Silage Corn) |                              | <b>Marketing Share of Food Dollar</b>       | 8                 | Acreage, Yield, Production          | 13, 14, 17, 36    |
| <b>Cows:</b>                                  |                              | <b>Milk:</b>                                |                   | Cash Receipts                       | 8                 |
| Farms With Cows                               | 3, 48                        | Chart Summary                               | 65                | Planting & Harvesting               | 46                |
| Number                                        | 48, 49, 51, 54-55, 65, 66-67 | Disposition                                 | 63                | Prices                              | 17, 74            |
| Prices                                        | 55, 56, 73, 75               | Milkfat                                     | 63, 64            | Rank of Important States & Counties | 1, 2              |
| Rank of Important States & Counties           | 1, 2                         | Non-Fat Dry Milk                            | 1, 63             | Records Set                         | 14                |
| Value                                         | 49, 51                       | Prices                                      | 78                | Value                               | 17                |
| (See Also Dairy, Cattle)                      |                              | Production                                  | 63, 64, 66-67     | <b>Sweet Corn for Processing</b>    | 1, 8, 19, 45      |
| <b>Crops (See Specific Commodity)</b>         |                              | Products Manufactured                       | 63, 64            | <b>Temperatures</b>                 | 11-12             |
| <b>Crop Assets</b>                            | 5                            | Rank of Important States & Counties         | 1, 2              | <b>Turkeys:</b>                     |                   |
| <b>Dairy:</b>                                 |                              | Value & Income                              | 63                | Breeder Hens                        | 48, 49, 69, 70    |
| Cash Receipts                                 | 8, 63                        | <b>Milk</b>                                 | 57                | Cash Receipts                       | 8, 69, 70         |
| Chart Summary                                 | 65                           | <b>Onions:</b>                              |                   | Hatchery Production                 | 69, 70, 71        |
| Income                                        | 63                           | Acreage, Yield, Production                  | 13, 14, 15, 32-33 | Numbers                             | 69, 70            |
| Manufacturing Products                        | 63                           | Cash Receipts                               | 8                 | Prices                              | 49, 79            |
| Prices                                        | 78                           | Geographic Distribution                     | 34                | Rank of Important States            | 1                 |
| Rank of Important States & Counties           | 1, 2                         | Marketings                                  | 20                | Value                               | 48, 49, 69, 70    |
| (See Also Individual Commodities)             |                              | Planting & Harvesting                       | 46                | <b>Value Added by Food Industry</b> | 10                |
| <b>Debt, Farm</b>                             | 5                            | Prices                                      | 15, 74            | <b>Weather Summary</b>              | 11-12             |
| <b>Eggs:</b>                                  |                              | Rank of Important States & Counties         | 1, 2              | <b>Wheat:</b>                       |                   |
| Cash Receipts                                 | 8, 69, 70                    | Records Set                                 | 14                | Acreage, Yield, Production          | 13, 14, 15, 28-31 |
| Prices                                        | 9, 79                        | Stocks                                      | 14, 21            | Cash Receipts                       | 8                 |
| Production                                    | 69, 70, 71, 72-73            | Value                                       | 15                | Geographic Distribution             | 34                |
| Rank of Important States                      | 1                            | <b>Onions</b>                               | 19                | Marketings                          | 20                |
| Value                                         | 69, 70                       | Peas, Green for Processing                  | 1, 8, 19          | Planting & Harvesting               | 46                |
| <b>Equity, Farm</b>                           | 5                            | Persons Supplied per Farmworker             | 10                | Prices                              | 15, 74            |
| <b>Expenses, Farm Production</b>              | 4, 5                         | <b>Petroleum Prices Paid by Farmers</b>     | 82                | Rank of Important States & Counties | 1, 2              |
| <b>Exports</b>                                | 1, 10                        | <b>Pigs (See Hogs)</b>                      |                   | Records Set                         | 14                |
| <b>Farmers' Share of Food Dollar</b>          | 9                            | <b>Planting &amp; Harvesting Dates</b>      | 46                | Stocks                              | 14, 21            |
| <b>Farms:</b>                                 |                              | <b>Potatoes:</b>                            |                   | Value                               | 15                |
| Number, Land in Farms, Average Size           | 3, 4                         | Acreage, Yield, Production                  | 18, 37            | <b>Wild Rice</b>                    | 47                |
| Rank of Important States                      | 1                            | Cash Receipts                               | 8                 | <b>Wool</b>                         | 9, 60             |



MINNESOTA

*Agricultural*  
STATISTICS  
SERVICE

P. O. Box 7068  
90 W. Plato Blvd.  
St. Paul, Minn. 55107

BULK RATE  
POSTAGE & FEES PAID  
USDA  
PERMIT NO. G-38